

April 18, 2007

Ms. Diana Whitney
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Directional Drilling R649-3-11

Prickly Pear Unit Federal #7-17D-12-15

Surface: 2073' FSL & 715' FEL, NESE 17-T12S-R15E

Bottom Hole: 1980' FNL & 1980' FEL, SWNE 17-T12S-R15E

Carbon County, Utah

Dear Ms. Whitney:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Prickly Pear Unit Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance.
 By locating the well at the surface location and directionally drilling from this location,
 BBC will be able to utilize the existing road and pipelines in the area;
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact Doug Gundry-White, Senior Landman at 303-312-8129.

Sincerely.

Doug Gundry-White Senior Landman

RECEIVED
APR 2 U 2007

DIV. OF OIL, GAS & MINING

1099 18TH STREET

SUITE 2300

DENVER, CO 80202

P 303.293.9100

303.291.0420



Form 3160-3 (April 2004)

BBC CONFIDENTIAL

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

5. Lease Serial No.

UTU-73006

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO I	ORILL OR REENTER	1	n/a	oc Name	
la. Type of work: DRILL REENTE	R		7 If Unit or CA Agreement, Prickly Pear Unit/U		
lb. Type of Well: Oil Well Gas Well Other	Single Zone Multip	ole Zone	8. Lease Name and Well No Prickly Pear Unit Fo		
2. Name of Operator BILL BARRETT CORPORATION			9. API Well No. pending 43-6	007-312	
3a. Address 1099 18th Street, Suite 2300 Denver CO 80202	3b. Phone No. (include area code) (303) 312-8134	Len de ji (n	10. Field and Pool, or Explore		
4. Location of Well (Report location clearly and in accordance with any At surface NESE, 2073' FSL, 715' FEL			11. Sec., T. R. M. or Blk. and Sec. 17, T12S-R15E	Survey or Area	
At proposed prod. zone SWNE, 1980' FNL, 1980' FEL, Sec.	17		, 17, 1120-RISE		
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State	
approximately 45 miles from Myton, Utah		I n ·	Carbon	UT	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 715' SH/661' BH	16. No. of acres in lease 2054.68	17. Spacin	g Unit dedicated to this well		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 16' SH/1694' BH	19. Proposed Depth 7900'	.	/BIA Bond No. on file onwide Bond #WYB000040		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7420' ungraded ground	22 Approximate date work will sta 10/12/2007	ırt*	23. Estimated duration 45 days		
	24. Attachments				
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be a	ttached to th	is form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Lands, the Item 20 above). 5. Operator certification	cation specific inf	ons unless covered by an existi		
25. Signature Jacus Fallanes	Name (Printed/Typed) Tracey Fallang		Date Ly	1/18/07	
Title Environmenta Regulatory Analyst					
Almroved by Signature	Name (Printed/Typed) BRADLEY	G. HI	LL Date	X4-26-07	
Tide S	Off ENVIRONMENTA	L MANA	3ER		
Application approval does not warrant or certify that the applicant hold conduct operations thereon. Conditions of approval, if any, are attached.	s legal or equitable title to those rigi	hts in the su	bject lease which would entitle	the applicant to	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a c States any false, fictitious or fraudulent statements or representations as	rime for any person knowingly and to any matter within its jurisdiction.	willfully to 1	nake to any department or age	ncy of the United	

*(Instructions on page 2)

8UVF 563981X 44025294 39.772182 -110.252949

All 543594X 44029024 39.775564 -110.257432

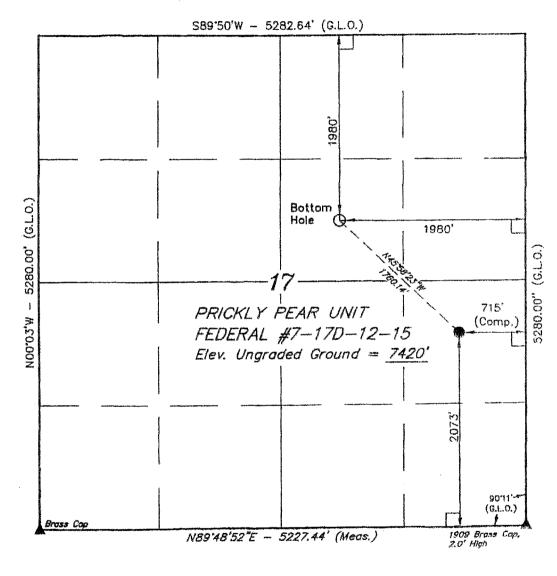
RECEIVED APR 2 0 2007

Federal Approval of this

Action is Necessary

DIV. OF OIL, GAS & MINING

T12S, R15E, S.L.B.&M.



LEGEND:

_ = 90' SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 39'46'19.89" (39.772192)

LONGITUDE = 11075'14.29" (110.253969)

(NAD 27)

LATITUDE = 39'46'20.02" (39.772228)

LONGITUDE = 11075'11.73" (110.253258)

BILL BARRETT CORPORATION

Well location, PRICKLY PEAR UNIT FEDERAL #7-17D-12-15, located as shown in the NE 1/4 SE 1/4 of Section 17, T12S, R15E, S.L.B.&M., Carbon County, Utah.

BASIS OF ELEVATION

COTTON TRIANGULATION STATION, LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M. TAKEN FROM THE TWIN HOLLOW, CARBON COUNTY, QUADRANGLE, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

SCALE

THIS IS TO CERTIFY THAT THE ABOVE PLANAS THE PARED FROM FIELD NOTES OF ACTUAL SURVEY MADE THE BOOK MY SUPERVISION AND THAT THE GUE ARE TRUE AND THE BEST OF MY KNOWLEDGE AND THE BEST OF MY KN

RENIED OUT OF THE

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: DATE DRAWN: 10-02-06
PARTY D.R. R.P. C.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE BILL BARRETT CORPORATION

HAZARDOUS MATERIAL DECLARATION

FOR WELL NO. PRICKLY PEAR UNIT FEDERAL #7-17D-12-15 LEASE NO. UTU 73006

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will not use, produce, or store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Super Amendments and Reauthorization Act (SARA) of 1986.

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport, or dispose less than the threshold planning quantity (TPQ) of any extremely hazardous substances as defined in 40 CFR 355.

DRILLING PROGRAM

BILL BARRETT CORPORATION Prickly Pear Unit Federal #7-17D-12-15

NESE, 2073' FSL, 715' FEL, Sec. 17-T12S-R15E (Surface Hole) SWNE, 1980' FNL, 1980' FEL, Sec. 17, T12S-R15E (Bottom Hole) Carbon County, Utah

1-3. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	Depth - MD	Depth – TVD
Green River	Surface	Surface
Wasatch	2923'*	2857'*
North Horn	4930'*	4757'*
Dark Canyon	6867'*	6602'*
Price River	7110'*	6842'*
TD	7900'*	7700'*

PROSPECTIVE PAY

4. Casing Program

<u>Hole</u> <u>Size</u>	SETTING (FROM)	<u>G DEPTH</u> (TO)	Casing Size	Casing Weight	Casing Grade	Thread	Condition
12 1/4"	surface	1,000'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	surface	7,700'	5 ½"	17#	N-80	LT&C	New

Note: Pending evaluation of anticipated stress on the production casing, BBC may use $5\frac{1}{2}$ ", 20# P-110 LT&C production casing instead of the 17# N-80. BBC is also evaluating the benefit of using 4-1/2", 11.6#, I-80, LT&C production casing and wishes to have that option approved in this APD. The 4-1/2" casing design sheet is included in this package. Cement volumes would be adjusted accordingly.

5. Cementing Program

9 5/8" Surface Casing	Approximately 240 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft ³ /sx) and 170 sx Premium cement with additives mixed at 15.8 ppg (yield = 1.16 ft ³ /sx) circulated to surface with 100% excess
5 ½" Production Casing	Approximately 1500 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 900'.
Note: Actual volumes to be calcula	ted from caliper log.

^{*}Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas.

Bill Barrett Corporation
Drilling Program
Prickly Pear Unit Federal #7-17D-12-15
Carbon County, Utah

6. Mud Program

<u>Interval</u>	Weight	<u>Viscosity</u>	Fluid Loss (API filtrate)	<u>Remarks</u>
0 – 40'	8.3 - 8.6	27 – 40		Native Spud Mud
40' – 1000'	8.3 - 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' – TD	8.6 – 9.5	38-46	15 cc or less	LSND/DAP

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce tork and drag.

7. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 1000'	No pressure control required
1000' - TD	11" 3000# Ram Type BOP
	11" 3000# Annular BOP
- Drilling spool to a	accommodate choke and kill lines;
- Ancillary and cho	ke manifold to be rated @ 3000 psi;
- Ancillary equipme	ent and choke manifold rated at 3,000#. All BOP and BOPE tests will be in
accordance with t	he requirements of onshore Order No. 2;
- The BLM and the	State of Utah Division of Oil, Gas and Mining will be notified 24 hours in
advance of all Bo	OP pressure tests.
- BOP hand wheels	may be underneath the sub-structure of the rig if the drilling rig used is set up
to operate most ef	ficiently in this manner.

8. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

9. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

Bill Barrett Corporation Drilling Program Prickly Pear Unit Federal #7-17D-12-15 Carbon County, Utah

10. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3804 psi* and maximum anticipated surface pressure equals approximately 2110 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = $A - (0.22 \times TD)$

11. Drilling Schedule

Location Construction:

October 12, 2007

Spud:

October 19, 2007

Duration: 15 days drilling time

30 days completion time



Weatherford

PRICKLY PEAR #7-17D-12-15 SEC 17 T12S R15E 2073' FSL, 705' FEL CARBON COUNTY, UTAH

SITE DETAILS

PRICKLY PEAR #9-17-12-15 PAD

Site Centre Latitude: 39°46'19.730N Longitude: 110°15'13.940W

Ground Level: 7416.70 Positional Uncertainty: 0.00 Convergence: 0.80

SECTION DETAILS													
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target			
1	0.00	0.00	313.56	0.00	0.00	0.00	0,00	0.00	0.00				
2	1060.00	0.00	313.56	1060,00	0.00	0.00	0.00	0.00	0.00				
3	1998.79	18.78	313.56	1982.08	105.05	-110.48	2.00	313.56	152,45				
4	6317.07	18.78	313.56	6070.56	1062.84	-1117.70	0.00	0.00	1542.36				
5	7568.79	0.00	313.56	7300,00	1202.91	-1265.00	1.50	180.00	1745.62				
6	7745,79	0.00	313.56	7477,00	1202,91	-1265.00	0.00	313.56	1745.62	PBHL 7-17D			

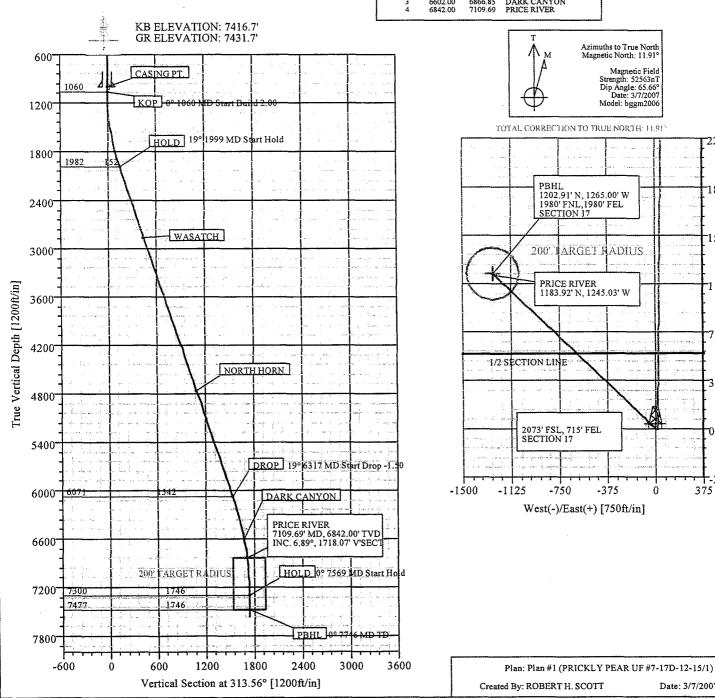
WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot	
PRICKLY PEAR UF #7-17D-12-15	15.90	-28.00	7088199 42	1990622.40	39°46'19 887N	110°15'14 299W	N/A	

FORMATION TOP DETAILS

ASSUMED 15' KB ELEVATION

No. TVDPath MDPath 2857.00 2922.89 WASATCH 4757.00 6602.00 6842.00 4929.68 6866.85 7109.69 NORTH HORN DARK CANYON PRICE RIVER



Date: 3/7/2007

WEAT ERFORD DRILLING SERVICES

WELL PLAN REPORT

Company: BILL BARRETT CORP

CARBON COUNTY, UTAH

Site: PRICKLY PEAR UF #7-17D-12-15 Well:

Wellpath:

Field:

PRICKLY PEAR #9-17-12-15 PAD

Vertical (TVD) Reference:

Date: 3/7/2007

Section (VS) Reference:

Co-ordinate(NE) Reference:

Survey Calculation Method:

SITE 7434.7 Well (0.00N,0.00E,313,56Azi)

Page:

Minimum Curvature

Well: PRICKLY PEAR UF #7-17D-12-15

Db: Sybase

Plan: Plan #1 Date Composed: Version:

Tied-to:

From Surface

3/7/2007

Time: 15:44:59

Field:

Principal:

CARBON COUNTY, UTAH

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level

Yes

Map Zone: Coordinate System: Geomagnetic Model: Utah, Central Zone Well Centre

bggm2006

PRICKLY PEAR UF #7-17D-12-15 Well:

2073' FSL, 715' FEL

+N/-S15.90 ft Northing: +E-W-28.00 ft Easting:

7088199.42 ft 1990622.40 ft

+N/-S

Slot Name: Latitude

39 46 19.887 N

Position Uncertainty:

0.00 ft

Longitude:

110 15 14.299 W

Surface

Wellpath: 1 **Current Datum:**

Magnetic Data:

Well Position:

SITE

3/7/2007

Height 7434.70 ft

Above System Datum: Declination: Mag Dip Angle:

Drilled From:

Tie-on Depth:

0.00 ft Mean Sea Level 11.91 deg 65.66 deg

Field Strength: 52563 nT Vertical Section: Depth From (TVD) ft

ft

+E/-W ft

Direction deg

0.00 0.00 0.00 313.56

Site:

PRICKLY PEAR #9-17-12-15 PAD

7416.70 ft

Site Position:

Ground Level:

From: Geographic Position Uncertainty:

Northing: Easting: 0.00 ft

7088183.92 ft 1990650.61 ft Latitude: Longitude:

39 19.730 N 46 13.940 W 110 15

North Reference: **Grid Convergence:** True 0.80 deg

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ff	Build deg/100f	Turn t deg/100f	TFO deg	Target
0.00	0.00	313.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1060.00	0.00	313.56	1060.00	0.00	0.00	0.00	0.00	0.00	0.00	
1998.79	18.78	313.56	1982.08	105.05	-110.48	2.00	2.00	0.00	313.56	
6317.07	18.78	313.56	6070.56	1062.84	-1117.70	0.00	0.00	0.00	0.00	
7568.79	0.00	313.56	7300.00	1202.91	-1265.00	1.50	-1.50	0.00	180.00	
7745.79	0.00	313.56	7477.00	1202.91	-1265.00	0.00	0.00	0.00	313.56	PBHL 7-17D

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
1060.00	0.00	313.56	1060.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
1160.00	2.00	313.56	1159.98	1.20	-1.26	1.75	2.00	2.00	0.00	
1260.00	4.00	313.56	1259.84	4.81	-5.06	6.98	2.00	2.00	0.00	
1360.00	6.00	313.56	1359.45	10.81	-11.37	15.69	2.00	2.00	0.00	
1460.00	8.00	313.56	1458.70	19.21	-20.20	27.88	2.00	2.00	0.00	
1560.00	10.00	313.56	1557.47	29.99	-31.54	43.52	2.00	2.00	0.00	
1660.00	12.00	313.56	1655.62	43.14	-45.37	62.60	2.00	2.00	0.00	
1760.00	14.00	313.56	1753.06	58.64	-61.67	85.10	2.00	2.00	0.00	
1860.00	16.00	313.56	1849.64	76.47	-80.42	110.98	2.00	2.00	0.00	
1960.00	18.00	313.56	1945.27	96.62	-101.61	140.21	2.00	2.00	0.00	
1998.79	18.78	313.56	1982.08	105.05	-110.48	152.45	2.00	2.00	0.00	HOLD
2060.00	18.78	313.56	2040.03	118.63	-124.75	172.15	0.00	0.00	0.00	
2160.00	18.78	313.56	2134.71	140.81	-148.08	204.34	0.00	0.00	0.00	
2260.00	18.78	313.56	2229.39	162.99	-171.40	236.52	0.00	0.00	0.00	
2360.00	18.78	313.56	2324.07	185.17	-194.73	268.71	0.00	0.00	0.00	

WEATERFORD DRILLING SERVICES

WELL PLAN REPORT

Company: BILL BARRETT CORP

CARBON COUNTY, UTAH

PRICKLY PEAR #9-17-12-15 PAD

Site: PRICKLY PEAR UF #7-17D-12-15 Well: Wellpath:

Section (VS) Reference:

Survey Calculation Method:

 Date:
 3/7/2007
 Time:
 15:44:59
 Page:
 2

 Co-ordinate(NE):
 Reference:
 Well:
 PRIGKLY PEAR UF #7-17D-12-15

Vertical (TVD) Reference:

SITE 7434.7

Well (0.00N,0.00E,313.56Azi)

Minimum Curvature Db: Sybase

Survey

Field:

urvey										
MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	Build	Turn	Comment
ft.	deg	deg	ft	fi	ft	ft	deg/100ft	deg/100ft	deg/100ft	
2460.00	18.78	313.56	2418.74	207.35	-218.05	300.90	0.00	0.00	0.00	
2560.00	18.78	313.56	2513.42	229.53	-241.38	333.08	0.00	0.00	0.00	
2660.00	18.78	313.56	2608.10	251.71	-264.70	365.27	0.00	0.00	0.00	
2760.00	18.78	313.56	2702.78	273.89	-288.02	397.46	0.00	0.00	0.00	
2860.00	18.78	313.56	2797.46	296.07	-311.35	429.64	0.00	0.00	0.00	
2922.89	18.78	313.56	2857.00	310.01	-326.02	449.89	0.00	0.00	0.00	WASATCH
2960.00	18.78	313.56	2892.14	318.25	-334.67	461.83	0.00	0.00	0.00	11.10,110,1
3060.00	18.78	313.56	2986.82	340.43	-358.00	494.02	0.00	0.00	0.00	
3160.00	18.78	313.56	3081.49	362.61	-381.32	526.20	0.00	0.00	0.00	
3260.00	18.78	313.56	3176.17	384.79	-404.65	558.39	0.00	0.00	0.00	
3360.00	18.78	313.56	3270.85	406.97	-427.97	590.58	0.00	0.00	0.00	
3460.00	18.78	313.56	3365.53	429.15	-451.30	622.76	0.00	0.00	0.00	
3560.00	18.78	313.56	3460.21	451.32	-474.62	654.95	0.00	0.00	0.00	
3660.00	18.78	313.56	3554.89	473.50	-497.95	687.14	0.00	0.00	0.00	
3760.00	18.78	313.56	3649.56	495.68	-521.27	719.32	0.00	0.00	0.00	
2000.00	40.70		2744.04	E47 00				0.00		
3860.00	18.78	313.56	3744.24	517.86	-544.60	751.51	0.00	0.00	0.00	
3960.00	18.78	313.56	3838.92	540.04	-567.92	783.70	0.00	0.00	0.00	
4060.00	18.78	313.56	3933.60	562.22	-591.24	815.88	0.00	0.00	0.00	
4160.00	18.78	313.56	4028.28	584.40	-614.57	848.07	0.00	0.00	0.00	
4260.00	18.78	313.56	4122.96	606.58	-637.89	880.26	0.00	0.00	0.00	
4360.00	18.78	313.56	4217.64	628.76	-661.22	912.44	0.00	0.00	0.00	
4460.00	18.78	313.56	4312.31	650.94	-684.54	944.63	0.00	0.00	0.00	
4560.00	18.78	313.56	4406.99	673.12	-707.87	976.82	0.00	0.00	0.00	
4660.00	18.78	313.56	4501.67	695.30	-731.19	1009.00	0.00	0.00	0.00	
4760.00	18.78	313.56	4596.35	717.48	-754.52	1041.19	0.00	0.00	0.00	
4860.00	18.78	313.56	4691.03	739.66	-777.84	1073.38	0.00	0.00	0.00	
4929.68	18.78	313.56	4757.00	755.12	-794.09	1095.80	0.00	0.00	0.00	NORTH HORN
4960.00	18.78	313.56	4785.71	761.84	-801.17	1105.56	0.00	0.00	0.00	
5060.00	18.78	313.56	4880.39	784.02	-824.49	1137.75	0.00	0.00	0.00	
5160.00	18.78	313.56	4975.06	806.20	-847.82	1169.94	0.00	0.00	0.00	
5260.00	18.78	313.56	5069.74	828.38	-871.14	1202.12	0.00	0.00	0.00	
5260.00	18.78	313.56	5069.74 5164.42	828.38 850.56	-871.14 -894.47	1202.12	0.00	0.00	0.00	
5460.00	18.78	313.56	5259.10	872.74	-694.47 -917.79	1234.31	0.00	0.00	0.00	
5560.00	18.78	313.56	5259.10	894.92	-917.79 -941.11	1298.68	0.00	0.00	0.00	
5660.00	18.78	313.56	5448.46	917.10	-964.44	1330.87	0.00	0.00	0.00	
5760.00	18.78	313.56	5543.14	939.28	-987.76	1363.06	0.00	0.00	0.00	
5860.00	18.78	313.56	5637.81	961.46	-1011.09	1395.24	0.00	0.00	0.00	
5960.00	18.78	313.56	5732.49 5827.17	983.64	-1034.41	1427.43 1459.62	0.00 0.00	0.00 0.00	0.00 0.00	
6060.00 6160.00	18.78 18.78	313.56 313.56	5827.17 5921.85	1005.82	-1057.74 -1081.06	1459.62	0.00	0.00	0.00	
6260.00	18.78	313.56	6016.53	1050.18	-1104.39	1523.99	0.00	0.00	0.00	DBOB
6317.07 6360.00	18.78	313.56	6070.56 6111.28	1062.84	-1117.70 -1127.55	1542.36 1555.95	0.00 1.50	0.00 -1.50	0.00 0.00	DROP
6460.00	18.13 16.63	313.56 313.56	6206.71		-1127.55	1585.82	1.50	-1.50 -1.50	0.00	
6560.00	15.13	313.56	6302.89		-1169.02	1613.19	1.50	-1.50	0.00	
6660.00	13.63	313.56	6399.76		-1187.02	1638.02	1.50	-1.50	0.00	
6760.00	12.13	313.56	6497.24		-1203.18	1660.32	1.50	-1.50	0.00	
6860.00	10.63	313.56	6595.27		-1217.48	1680.05	1.50	-1.50	0.00	DADK OANVOY
6866.85 6960.00	10.53 9.13	313.56 313.56	6602.00 6693.78	1158.59 1169.55	-1218.39 -1229.92	1681.31 1697.21	1.50 1.50	-1.50 -1.50	0.00 0.00	DARK CANYON
0300.00	ا.ن	313.50	0033.10	1103.55	1223.32	1001.21	1.50	-1.50		
7060.00	7.63	313.56	6792.71	1179.59	-1240.48	1711.79	1.50	-1.50	0.00	
7400 00	6.89	313.56	6842.00	1183.92	-1245.03	1718.07	1.50	-1.50	0.00	PRICE RIVER
7109.69 7160.00	6.13	313.56	6891.99	440-0-	-1249.16	1723.77	1.50	-1.50	0.00	

WEATERFORD DRILLING SERVICES WELL PLAN REPORT

Company: BILL BARRETT CORP Field:

CARBON COUNTY, UTAH

PRICKLY PEAR #9-17-12-15 PAD PRICKLY PEAR UF #7-17D-12-15 Date: 3/7/2007

Time: 15:44:59

Page: Co-ordinate(NE) Reference: Well: PRICKLY PEAR UF #7-17D-12-15 Vertical (TVD) Reference: SITE 7434.7

Section (VS) Reference: Survey Calculation Method: Well (0.00N,0.00E,313.56Azi)

Minimum Curvature Db: Sybase

Survey

Wellpath: 1

Site:

Well:

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
7260.00	4.63	313.56	6991.54	1194.31	-1255.96	1733.15	1.50	-1.50	0.00	·
7360.00	3.13	313.56	7091.31	1198.98	-1260.86	1739.92	1.50	-1.50	0.00	
7460.00	1.63	313.56	7191.22	1201.84	-1263.88	1744.08	1.50	-1.50	0.00	
7560.00	0.13	313.56	7291.21	1202.90	-1264.99	1745.61	1.50	-1.50	0.00	
7568.79	0.00	313.56	7300.00	1202.91	-1265.00	1745.62	1.50	-1.50	0.00	HOLD
7660.00	0.00	313.56	7391.21	1202.91	-1265.00	1745.62	0.00	0.00	0.00	
7745.79	0.00	313.56	7477.00	1202.91	-1265.00	1745.62	0.00	0.00	0.00	PBHL 7-17D

Targets

Name Description Dip.	TVD Dir. ft	+N/-S ft	+E/-W ft	Map Map Northing Easting ft ft	market and the second	- Latitude Min Sec	Ball Harris Market Con-	- Longitude> g Min Sec
PBHL 7-17D -Circle (Radius: 200) -Plan hit target	7477.00	1202.91	-1265.00	7089384.591989340.76	39	46 31.776 N	1 10	15 30.502 W

Annotation

MD ft	TVD ft		
1060.00 1998.79	1060.00 1982.08	KOP HOLD	
6317.07	6070.56	DROP	
7568.79	7300.00	HOLD	
7745.79	7477.00	PBHL	

Formations

MD ft	TVD ft	Formations	Lithology Dip Angle deg	Dip Direction deg
2922.89	2857.00	WASATCH	0.00	0.00
4929.68	4757.00	NORTH HORN	0.00	0.00
6866.85	6602.00	DARK CANYON	0.00	0.00
7109.69	6842.00	PRICE RIVER	0.00	0.00

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name	
1000.00	1000.00	0.000	0.000	CASING PT.	



Bill Barrett Corporation

NINE MILE CEMENT VOLUMES

Well Name:

Prickly Pear Unit Federal 7-17D-12-15

Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	219.2	ft3
Lead Fill:	700'	
Tail Volume:	94.0	ft
Tail Fill:	300'	

Cement Data:

Lead Yield:	1.85	ft°/sk
Tail Yield:	1.16	ft³/sk
% Excess:	100%	

Calculated # of Sacks:

第240页层
170

Production Hole Data:

Total Depth:	7,700'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1717.6	ft³
Lead Fill:	6,800'	

Cement Data:

Lead Yield:	1.49	ft°/sk	
% Excess:	30%		

Calculated # of Sacks:

SK's Lead: 2500

Prickly Pear Unit Federal 7-17D-12-15 Proposed Cementing Program

Job Recommendation		Sur	face Casing
Lead Cement - (700' - 0')	•		
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.85	ft ³ /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	700'	
	Volume:	78.09	bbl
	Proposed Sacks:	240	sks
Tail Cement - (1000' - 700')			
Premium Cement	Fluid Weight:	15.8	lbm/gal
94 lbm/sk Premium Cement	Slurry Yield:	1.16	ft ³ /sk
2.0% Calcium Chloride	Total Mixing Fluid:	4.97	Gal/sk
0.125 lbm/sk Ploy-E-Flake	Top of Fluid:	700'	
	Calculated Fill:	300'	
	Volume:	33.47	bbl
	Proposed Sacks:	170	sks

Job Recommendation		Produc	tion Casing
Lead Cement - (7700' - 900')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:	1.49	ft ³ /sk
0.75% Halad®-322	Total Mixing Fluid:	7.06	Gal/sk
3.0 lbm/sk Silicalite Compacted	Top of Fluid:	900'	
0.2% FWCA	Calculated Fill:	6,800'	
0.125 lbm/sk Poly-E-Flake	Volume:	397.67	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	1500	sks

Well name:

Bill Barrett

Operator: . String type:

Surface

ocation:

Carbon County, UT

Design parameters:

Collapse

Mud weight:

9.50 ppg

Design is based on evacuated pipe.

Minimum design factors:

Utah: West Tavaputs Field

Collapse:

Design factor

1.125

Environment:

H2S considered? Surface temperature:

Bottom hole temperature:

Temperature gradient: Minimum section length:

No 75.00 °F 89 °F

1.40 °F/100ft

1,000 ft

<u>Burst:</u>

Design factor

1.00

1.80 (J)

Cement top:

Surface

Max anticipated surface

pressure: Internal gradient:

Annular backup:

2,735 psi 0.22 psi/ft

Calculated BHP

2,955 psi

9.50 ppg

Tension:

8 Round STC:

8 Round LTC: 7.80 (J) 1.80 (J) Butiress: 1.80 (J)

Premium: Body yield:

1.80 (B)

Tension is based on buoyed weight. Neutral point: 859 ft

Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight: Next setting BHF: Fracture mud wt:

10,000 ft 9.500 ppg 4,935 psi 10.000 ppg

Fracture depth: 10,000 ft injection pressure 5,195 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (In)	Internal Capacity (ft²)
1	1000	9.625	36.00	J/K-55	ST&C	1000	1000	8.796	71.2
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension .
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
	(psi)	(psi)	Factor	(psi)	(psi)	Factor	(Kips)	(Kips)	Factor
1	493	2020	4.094	2735	3520	1.29	31	453	14.64 J

Prepared Dominic Spencer by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 1,2003 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9.5 ppg. The casing is considered to be avacuated for collapse purposes. Collapse strength is based on the Westcott, Duniop & Kemier method of bladel correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Utah: West Tavaputs Bill Barrett Production Carbon County, UT

Design parameters:

Collapse

Mud weight:

9.50 ppg

Minimum design factors:

Collapse:

Design lactor

Environment:

H2S considered?

Surface temperature:

Bottom note temperature:

Temperature gradient:

Minimum section length:

1.40 °F/100ft 1,500 R

Burst:

Design factor

1.00

1.80 (J) 1.80 (J)

1.125

Cament top:

2,375 €

No

75,00 °F

215 °F

Burst Max anticipated surface

pressure: Internal gradient:

Annular backup:

4,705 psi 0.02 psi/ft

Calculated BHP

Design is based on evacuated pipe.

4,935 psi

9.50 ppg

Tension: 8 Round STC:

8 Round LTC: Buttress:

1.80 (J) Premium: 1.80 (J) Body yield: 1.80 (9)

Tension is based on buoyed weight. Neutral point: 8.559 #

Non-directional string.

Segment Nominal End True Vert Measured Drift interna? Run Length Size Weight Grade Finish Depth Depth Diameter Capacity . Sec (tt)(In) (lbs/ft) (ft) (ft)(ft) (în) 10000 5.5 17.00 N-80 LT&C 10000 10000 4.757 344.6 1 Run Collapse Collapse Collapse Bursi Burs! Burst Tension Tension Tension Seq Load Strength Design Load Strength Design Load Strength Design (psi) (psi) Factor (psl) (psi) Factor (Kips) (Kips) Factor 4935 6290 1,275 4705 7740 1.65 2.39 J 146 348

Prepared Dominic Spencer by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 1,2003 Denver, Colorado

Colleges is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The sasing is considered to be at Callague strength is based on the Westcott, Dunlop & Kemler method of blessel correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Wali name:

West Tavaputs General

Operator:

Bill Barrett

Design is based on evacuated pipe.

String type:

Production

Carbon County, Utah

Design parameters:

College

Mud weight;

9.50 ppg

Minimum design factors:

Collapse:

Design factor

Environment:

H2S considered?

Surface temperature:

Νo 75.00 °F 189 *F

Bottom hole temperature: Temperature gradient:

1.40 *F/100ft

Minimum section length:

1,500 ft

Burst:

Design factor

1.00

1.125

Cement top:

2,500 ft

Burst

Max anticipated surface

pressure:

2,226 psi

Internal gradient: Calculated BHP

0.22 psi/ft

4,015 psi

Bultress:

Premium:

Body yield:

Tension:

8 Round LTC:

6 Round STC:

1.80 (J)

1.50 (J)

1.80 (J)

1.60 (J)

Departure at shoe: Maximum dogleg: inclination at shoe:

Directional info - Bulid & Drop Kick-off point

1000 ft 2165 ft

1.50 (B)

2 "/100% 0 0

No backup mud specified.

Tension is based on buoyed weight.

Neutral point:

7.560 ft

.....

Run Seq	Segment Length (ft)	Size (In)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft²)
1	8730	5.5	20.00	P-110	LT&C	8138	8730	4.653	353.3
Run	Coliepse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
	(psi)	(psi)	Fector	(psi)	(psi)	Factor	(Kips)	(Kips)	Factor
1	4016	11100	2.764	4016	12530	3.14	139	548	3.93 J

Prepared Dominic Spencer by: Bill Berrett Corporation Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 25,2004 Denver, Colorado

Colleges is based on a vertical depth of \$138 ft. a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Colleges strength is besed on the Westcott. Dunlop & Kemier method of bladel correction for tension.

Surst strength is not adjusted for tension.

Collabore strength is (blexially) derated for doglegs in directional walls by multiplying the tansile stress by the cross section area to calculate a tensile load which is added to the exist load.

Engineering responsibility for use of this design will be that of the purchaser.

Wall name:

Operator: String type: Bill Barrett Corporation

Production

Design is based on evacuated pipe.

West Tavaputs General

Design parameters:

Collapse

Mud weight:

9.50 ppg

Minimum design factors:

Collapse:

Burst:

Design factor

Design factor

1.125

1.00

Environment:

H2S considered?

Surface temperature:

No 60.00 °F

Bottom hole temperature:

200 °F

Temperature gradient: Minimum section length:

1.40 °F/100ft 1,500 ft

Cement top:

2.500 ft

Burst

Max anticipated surface

No backup mud specified.

pressure: Internal gradient: 2,735 psi

Calculated BHP

0.22 psi/ft

4.935 psi

Tension:

8 Round STC:

Buttress:

Premium: Body yield:

1.80 (J) 8 Round LTC: 1.80 (J) 1.80(J)

> 1.80 (J) 1.80 (B)

Tension is based on buoyed weight.

Neutral point:

8,580 ft

Non-directional string.

Run	Segm en t		Nominal		End	Trus Vert	Measured	Drift	interna!
Seq	Length	Size	Weight	Grade	Finish	Depth	Depth	Diameter	Capacity
	(ft)	(in)	(lbs/ft)			(ft)	(ft)	(în)	(ft²)
1	10000	4.5	11.60	1-80	LT&C	10000	10000	3. 87 5	231.8
Run	Collapse	Collapse	Collapse	Burst	Burşt	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
	(psi)	(psi)	Factor	- (psi)	(psl)	Factor	(Kips)	(Kips)	Factor
. 1 .	4935	6350	1.287	4935	7780	1.58	100	223	2.24 J

Prepared Dominic Spencer by: Bill Berrett

- Phone: (303) 312-8143 FAX: (303) 312-8195

Date: December 13,2005 Denver, Colorado

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Duniop & Kernler method of biaxial correction for tension.

Burst strength is not edjusted for tension.

PRESSURE CONTROL EQUIPMENT - Schematic Attached

- A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:
 - 1. One (1) blind ram (above).
 - 2. One (1) pipe ram (below).
 - 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
 - 4. 3-inch diameter choke line.
 - 5. Two (2) choke line valves (3-inch minimum).
 - 6. Kill line (2-inch minimum).
 - 7. Two (2) chokes.
 - 8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
 - 9. Upper kelly cock valve with handles available.
 - 10. Safety valve(s) & subs to fit all drill string connections in use.
 - 11. Pressure gauge on choke manifold.
 - 12. Fill-up line above the uppermost preventer.
- B. Pressure Rating: 3,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirments of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

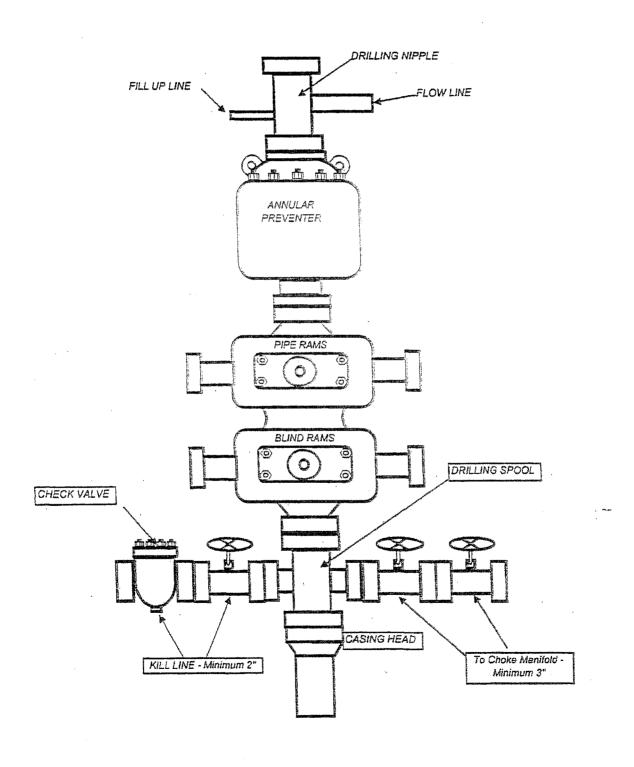
Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Oil & Gas Order Number 2. The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

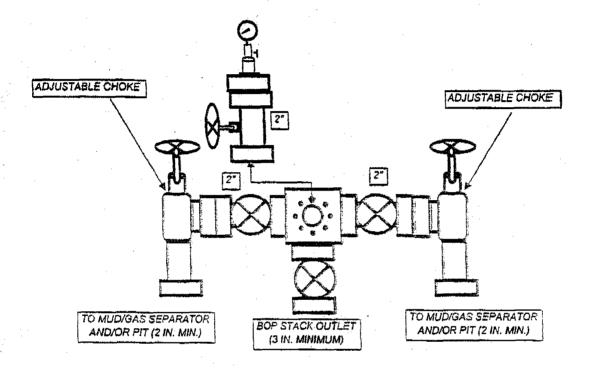
A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

BILL BARRETT CORPORATION TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. CHOKE MANIFOLD



SURFACE USE PLAN

BILL BARRETT CORPORATION Prickly Pear Unit Federal #7-17D-12-15

NESE, 2073' FSL, 715' FEL, Sec. 17-T12S-R15E (Surface Hole) SWNE, 1980' FNL, 1980' FEL, Sec. 17, T12S-R15E (Bottom Hole) Carbon County, Utah

The onsite for this location was conducted on 10/26/2006.

This directional well is the third of three wells to be drilled from this pad (9-17-12-15 first well, 1-17D-12-second).

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

A. Existing Roads:

- 1. The proposed well site is located approximately 45 miles from Myton, Utah. Maps reflecting directions to the proposed well site are included (see Topographic maps A and B).
- 2. The use of roads under State and County Road Department maintenance is necessary to access the Prickly Pear Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County road systems are proposed at this time.
- 3. All existing roads will be maintained and kept in good repair during all phases of operation.
- 4. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- 5. Since no improvements are anticipated to the State, County or BLM access roads, no topsoil stripping will occur.
- 6. An off-lease federal right-of-way for the access road and utility corridor is not anticipated at this time since existing roads are being utilized into the Prickly Pear Unit area. All new construction will be within the Unit.

B. Planned Access Road:

- 1. From Prickly Pear road, a 0.2 mile road exists that runs to the existing Prickly Pear 15-17-12-15 pad. From the point where that existing access ends, a new access of approximately 0.35 miles is proposed (see Topographic map B). A road design plan is not anticipated at this time.
- 2. The new access road will consist of an 18' travel surface within a 32' temporary disturbance area. The proposed access has been placed to minimize impact to the environment and natural drainage of the area.
- 3. BLM approval to construct this new access road is requested with this application.

- 4. A maximum grade of 10% will be maintained throughout the project with minimum cuts and fills, as necessary, to access the well.
- 5. The access road will be constructed using standard equipment and techniques. Bulldozers and/or road graders would first clear vegetation and topsoil from the ROW. These materials may be windrowed for future redistribution during the reclamation process. The surface would be crowned to facilitate drainage to a borrow ditch on each side of the road designed to minimize erosion potential. Graveling or capping the roadbed may be performed as necessary to provide a well constructed, safe road. Following completion of the well, the road will be reduced to an 18-foot wide running surface and reclaimed according to the specifications of the appropriate agency or private land owner.
- 6. A turnout is not proposed.
- 7. 18" diameter culverts will be installed as necessary. Adequate drainage structures, where necessary, will be incorporated into the remainder of the road.
- 8. No surfacing material will come from Indian lands or off-lease Federal lands. BBC requests that any excess rock from construction of the pad be used for surfacing of the access road, if necessary. Any additional materials needs may come from an existing SITLA Materials Permit #334 in Section 16, T12S-R15E.
- 9. No gates or cattle guards are anticipated at this time.
- 10. Surface disturbance and vehicular travel will be limited to the approved location access road. Adequate signs will be posted, as necessary, to warn the public of project related traffic.
- 11. All access roads and surface disturbing activities will conform to the appropriate standard, no higher than necessary, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition 2006.
- 12. The operator will be responsible for all maintenance of the access road including drainage structures. It is BBC's intent to maintain the newly constructed access road to this wellsite.

C. Location of Existing Wells:

1. Following is a list of wells with surface hole locations within a one-mile radius of the proposed well:

i.	water wells	none
ii.	injection wells	none
iii.	disposal wells	none
iv.	drilling wells	none
v.	temp shut-in wells	none
vi.	producing wells	twelve
vii.	abandoned wells	none

2. Topographic Map C may not include all wells noted in A. above if new wells have been drilled since the date of the plat. An additional map has been included indicating current locations.

D. Location of Production Facilities:

- 1. Some permanent structures/facilities will be shared between this proposed well and the additional wells to be drilled from this pad. Each well will have its own meter run and separator. Pending the evaluation of completion operations, additional water and/or oil tanks may be added if necessary.
- 2. All permanent above-ground structures will be painted a flat, non-reflective Olive Black to match the standard environmental colors. All facilities will be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- 3. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- 4. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3. Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.
- 5. A tank battery(s) will be constructed on this lease; it will be surrounded by a berm sufficient to contain the storage capacity of 1.5 times the single largest tank inside the berm. All loading lines and valves will be placed inside the berm surrounding the tank battery or will have a secondary containment vessel. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. BBC requests permission to install the necessary production/operation facilities with this application.
- 6. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- 7. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic as practicable. The roads will be maintained in a safe, useable condition.
- 8. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- 9. A gas pipeline (approximately 1850' of up to 10" pipe) is associated with this application and is being applied for at this time. The proposed gas pipeline will leave the west end of the well pad and tie in to an existing surface-laid 6" pipeline at the Prickly Pear 15-17 well pad.

- 10. The proposed steel gas pipeline will be buried, where soil conditions permit, within a 20' utility corridor immediately adjacent to the 32' disturbed area for the new access road road (see Topographic Map D).
- 11. As referred to in I. above, the line will not be buried in areas with bedrock at or near surface that would require blasting to loosen rock before excavation for burial of the pipeline. A table of the actual pipeline corridor width required is noted below for the different scenarios. BBC is requesting a 20' utility corridor but actual disturbance will be based on the applicable scenario.

Surface-Laid:	20' utility corridor + 32' road corridor = 52' TOTAL
	Estimated disturbance for utility to be minimal, if any, within the 20'
	requested. Total disturbance would be 32'.
Buried:	20' utility corridor + 32' road corridor = 52' TOTAL
	Estimated disturbance for utility to include all 20' requested. Total
	disturbance would be 52'.

- 12. The determination to bury or surface lay the pipeline will be made by the Authorized Officer at the time of construction.
- 13. BBC intends on stringing the pipeline on the surface, welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. The welded joints will either remain on the surface or will be placed within the trench, depending on the scenario. BBC intends on connecting the pipeline together utilizing conventional welding technology.

E. Location and Type of Water Supply:

1. Bill Barrett Corporation will use water consistent with approvals granted by the Utah State Engineer's Office under Application Number 90-1846 (T76109) which expires March 27, 2008 or an existing water well in Sec. 13, T12S-R14E granted by the Utah State Engineer's Office under Application Number 90-1844 (T75896) which expires September 5, 2007.

F. Source of Construction Material:

- 1. The use of materials will conform to 43 CFR 3610.2-3.
- 2. No construction materials will be removed from BLM.
- 3. If any additional gravel is required, it will be obtained from a State approved gravel pit. BBC also has in place Materials Permit #334 covering all of Section 16-T12S-R15E.

G. Methods of Handling Waste Disposal:

- 1. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- 2. Drill cuttings will be contained and buried on site.

- 3. The reserve pit will be located outboard of the location along the south side of the pad.
- 4. The reserve pit will be constructed so as not to leak, break or allow any discharge.
- 5. If necessary, the reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt-liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be anchored with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operations.
- 6. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- 7. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of annually in association with the drilling, testing or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities will be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the well.
- 8. Trash will be contained in a trash cage or roll-off container and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Carbon or Uintah County Landfill.
- 9. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- 10. After initial clean-up and based on volumes, BBC will install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. Thereafter, produced water will be used in further drilling and completion activities, evaporated in the pit, or hauled to R & I Disposal, a State approved disposal facility.
- 11. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- 12. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Price or Vernal Wastewater Treatment Facility in accordance with state and county regulations.
- 13. Any liquid hydrocarbons produced during completion work will be contained in test tanks on the well location. The tanks will be removed from location at a later date.

- 14. A flare pit may be constructed a minimum of 110' from the wellhead and may be used during completion work. In the event a flare pit proves to be unworkable in this situation, a flare stack will be installed. BBC will flow back as much fluid and gas as possible into pressurized vessels, separating the fluid from the gas. The fluid will then be either returned to the reserve pit or placed into a tank. Gas will be then directed into the flare pit or the flare stack and a constant source of ignition will be on site. This should eliminate any fires in and around the reserve pit. Natural gas will be directed to the pipeline as soon as pipeline gas quality standards are met. By eliminating condensate on the reserve pit and discharge of gas within the reserve pit, potential for damage to the pit liner will be minimized.
- 15. Any hydrocarbons floating on the surface of the reserve pit will be removed as soon as possible after drilling and completion operations are finished.
- 16. If hydrocarbons are present on the reserve pit and are not removed shortly after drilling or completion operations cease, the reserve pit will be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

H. Ancillary Facilities:

1. Garbage containers and portable toilets are the only ancillary facilities proposed in this application

I. Well Site Layout:

- 1. The well will be properly identified in accordance with 43 CFR 3162.6.
- 2. The rig layout and cross section diagrams are enclosed (see Location Layout and Cross Section Plats).
- 3. The pad and road designs are consistent with BLM specifications.
- 4. The pad has been staked at its maximum size of 435' x 175' with a reserve pit size of 190' x 100'.
- 5. All surface disturbing activities will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- 6. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- 7. Diversion ditches will be constructed, if necessary, around the well site to prevent surface waters from entering the well site area.
- 8. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- 9. Pits will remain fenced until site cleanup.

- 10. If air drilling occurs, the blooie line will be located at least 100 feet from the well head and will run from the wellhead directly to the pit.
- 11. Water application may be implemented if necessary to minimize the amount of fugitive dust.

J. Plan for Restoration of the Surface:

- 1. Site reclamation for a producing well(s) will be accomplished for portions of the site not required for the continued operation of the well(s) on this pad.
- 2. The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- 3. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. The reserve pit will be allowed to dry prior to the commencement of backfilling work. No attempts will be made to backfill the reserve pit until the pit is free of standing water. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. Rat and mouse holes will be filled and compacted from bottom to top immediately upon release of the drilling rig from location.
- 4. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. Areas not used for production purposes will be backfilled and blended into the surrounding terrain, reseeded and erosion control measures installed. Erosion control measures will be adhered to after slope reduction. Mulching, erosion control measures and fertilization may be required to achieve acceptable stabilization. Back slopes and fore slopes will be reduced as practical and scarified with the contour. The reserved topsoil will be evenly distributed over the slopes and scarified along the contour. Slopes will be seeded with the BLM specified seed mix. Reclamation operations for the well pad are expected to require one week and will begin when the fluids in the reserve pit have evaporated. Seeding will take place either during the fall (prior to ground frost) or spring (after frost leaves the ground) months. Restoration of unneeded portions of the pad will commence as soon as practical after the installation of production facilities.
- 5. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top-soiled and revegetated. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents. Topsoil salvaged from the drill site and stored for more than one year will be placed at the location indicated on the well site layout drawing and graded to a depth optimum to maintain topsoil viability, seeded with the BLM prescribed seed mixture and covered with mulch for protection from wind and water erosion and to discourage the invasion of weeds.

6. Salvaged topsoil from the road (if any) and the drill site will be evenly re-spread over cut and fill surfaces not actively used during the production phase. Upon final reclamation at the end of the project life, topsoil spread on these surfaces will be used for the overall reclamation effort.

K. Surface and Mineral Ownership:

- 1. Surface ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
- Mineral ownership Federal under the management of the Bureau of Land Management – Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.

L. Other Information:

- 1. Montgomery Archaeological Consultants has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery as MOAC Report No. 06-571, dated November 30, 2006.
- 2. BBC will identify areas in our drilling program where fluids escaping the wellbore and exiting onto a hillside might occur. In those cases, BBC will be ready with cement and/ or fluid loss compounds (types of lost circulation fluids) to heal up vags and cracks. Upon individual evaluation of the proposed well sites, BBC may air drill the hole to surface casing depth if necessary.
- 3. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24" to 48" wide and is approximately 10' tall. Combustor placement would be on existing disturbance and would not be closer than 100' to any tank or wellhead.

13. Operator's Representative and Certification:

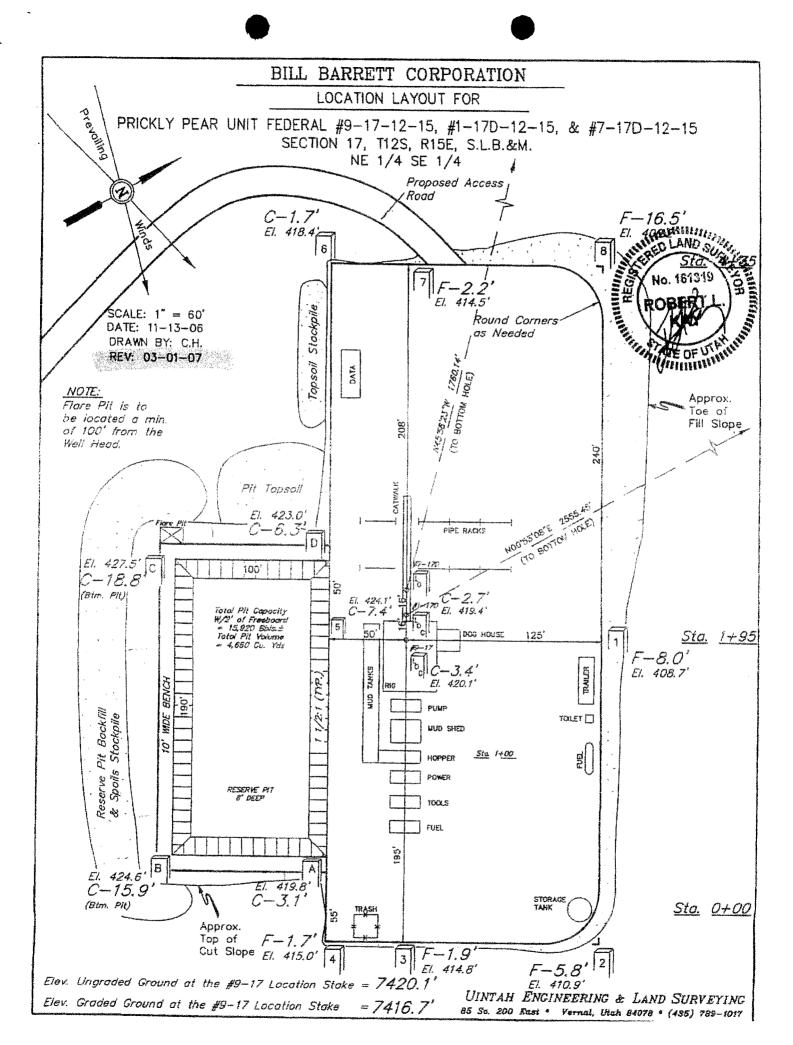
Title	Name	Office Phone
Company Representative (Roosevelt)	Fred Goodrich	(435) 725-3515
Company Representative (Denver)	Tracey Fallang	(303) 312-8134

Certification:

I hereby certify that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Bill Barrett Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date: April 18, 2007

Tracey Fallang, Environmental/Regulatory Analyst



BILL BARRETT CORPORATION

X-Section

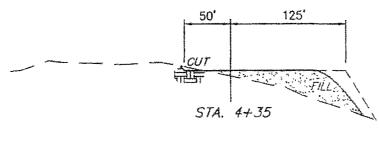
TYPICAL CROSS SECTIONS FOR

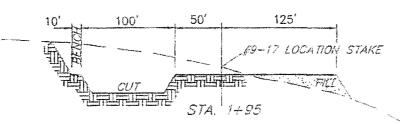
Scole PRICKLY PEAR UNIT FEDERAL #9-17-12-15, #1-17D-12-15, & #7-17D-12-15 SECTION 17, T12S, R15E, S.L.B.&M.

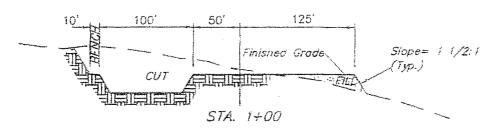
1" = 100'

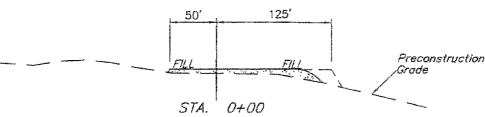
DATE: 11-13-05 DRAWN BY: C.H. REV: 03-01-07 NE 1/4 SE 1/4











NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 2,270 Cu. Yds.

Remaining Location

= 15,820Cu. Yds.

TOTAL CUT

= 18,090 CU.YDS.

FILL

13,490 CU.YDS.

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL

Cu. Yds.

= 4,600

Topsoil & Pit Backfill

4.500

Cu. Yds.

(1/2 Pit Vol.)

EXCESS UNBALANCE

Cu. Yds.

(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING 86 So. 200 East * Vernal, Utch 84078 * (485) 789-1017

BILL BARRETT CORPORATION

PRICKLY PEAR UNIT FEDERAL #9-17-12-15 & #7-17D-12-15 LOCATED IN CARBON COUNTY, UTAH

SECTION 17, T12S, R15E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



CAMERA ANGLE: NORTHEASTEREN



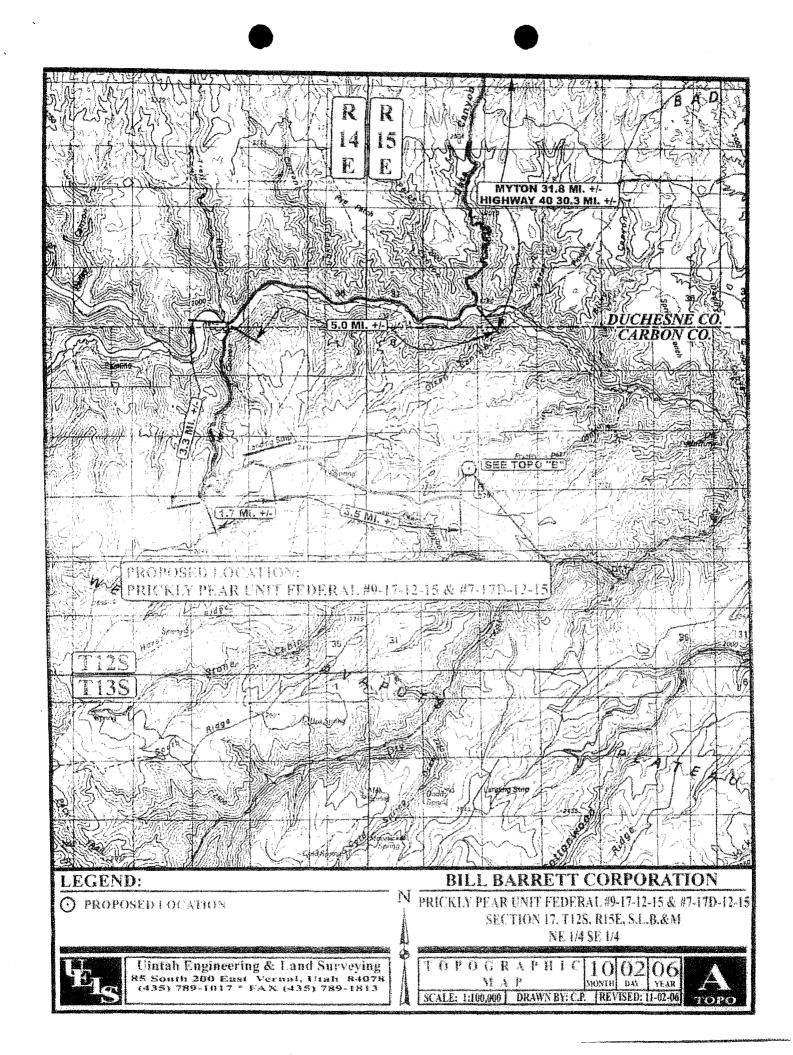
Uintah Engineering & Land Surveying 35 South 200 hast Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

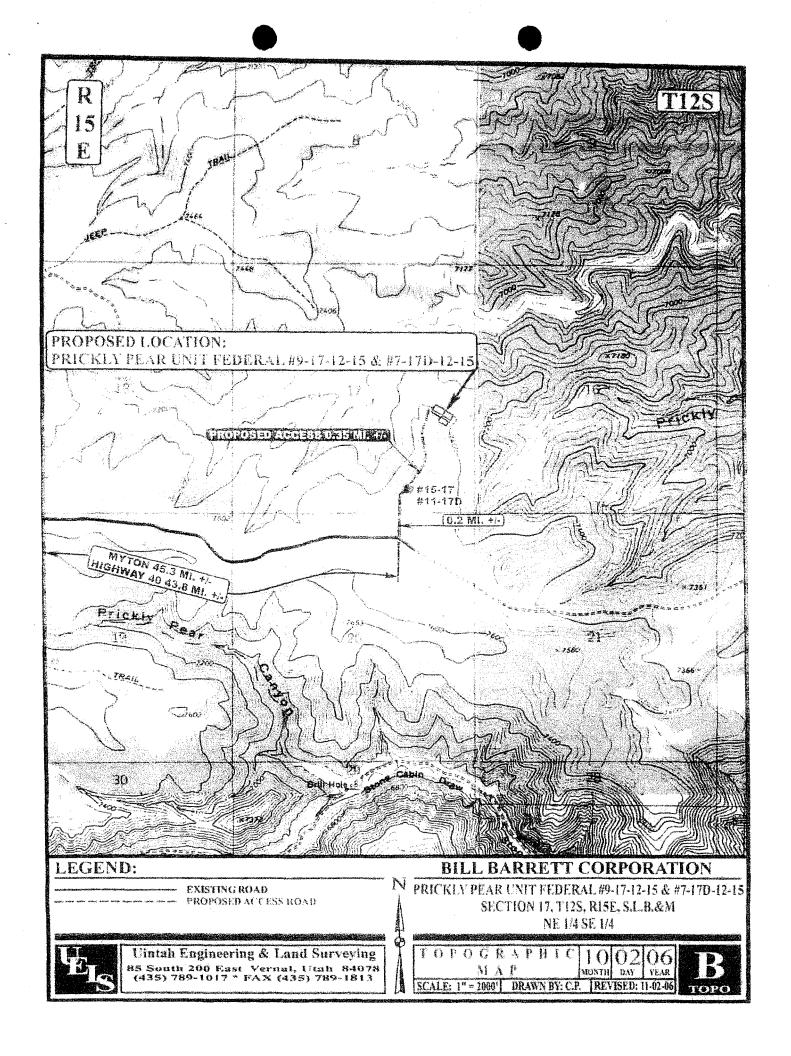
LOCATION PHOTOS

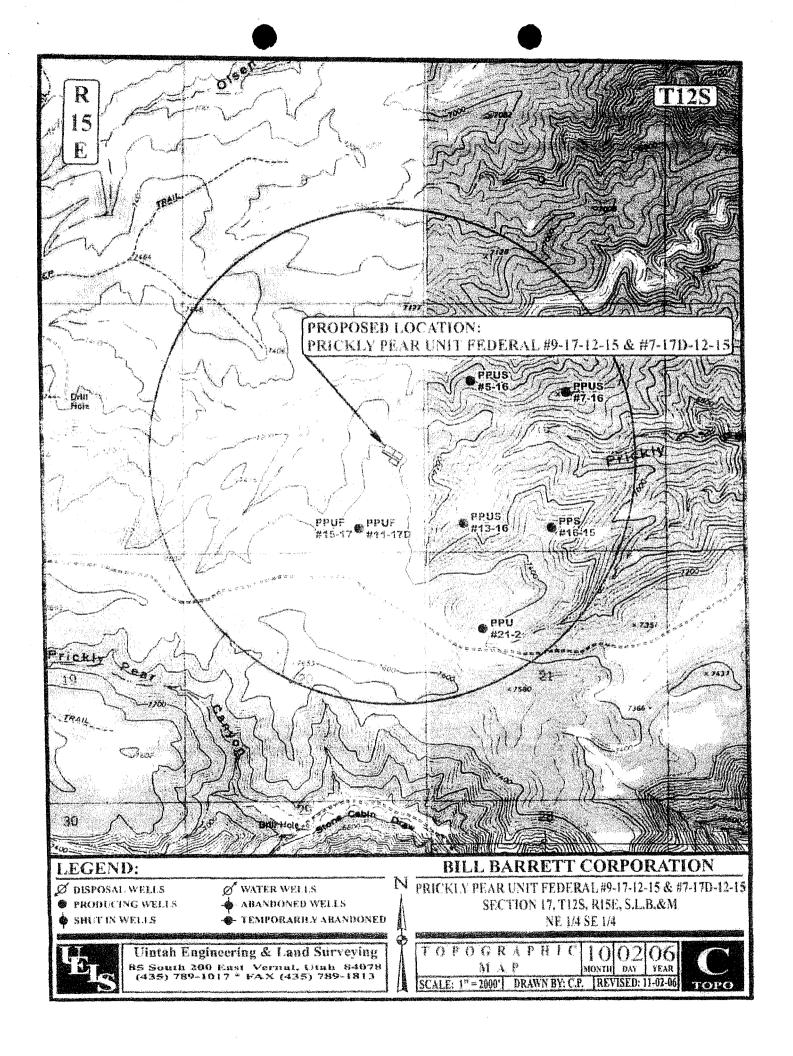
MONTH DAY YEAR

PHOTO

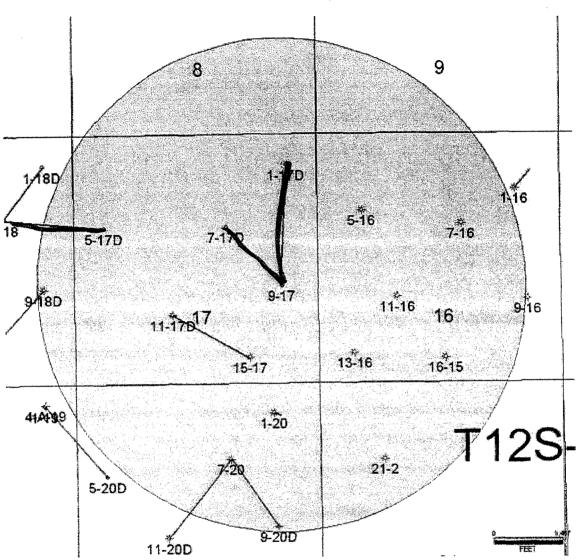
TAKEN BY: D.R. | DRAWN BY: C.P. | TREVISED: 11-02-06



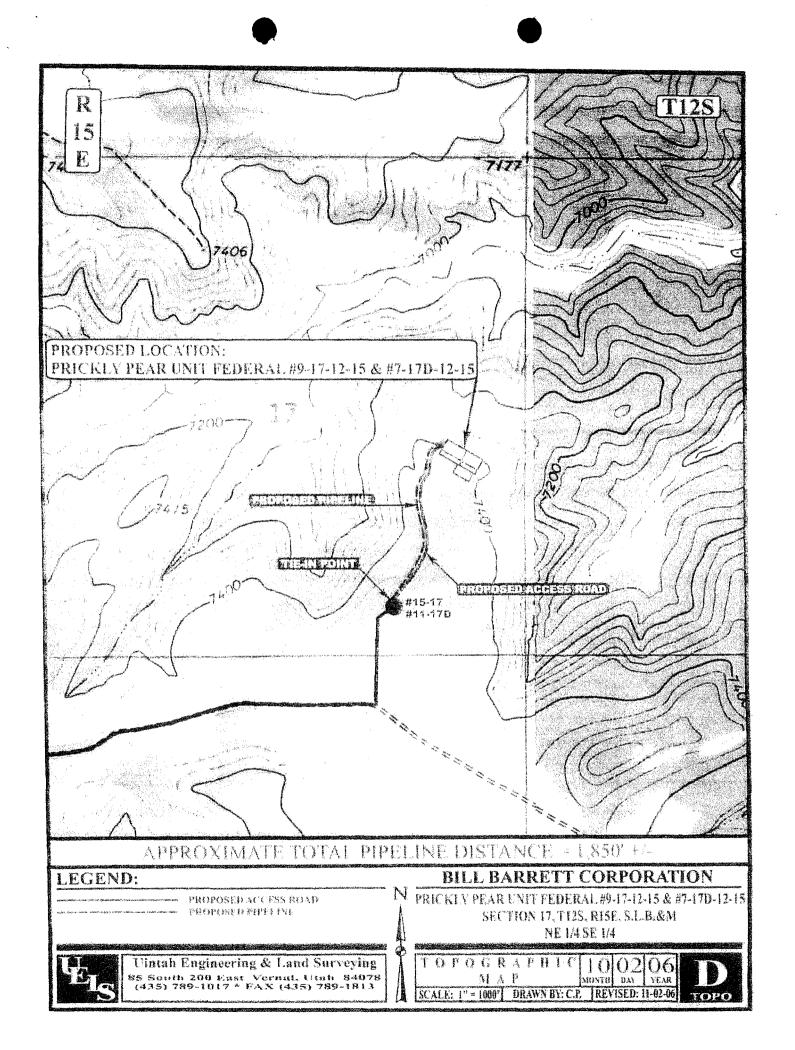




Addendum to Topo C

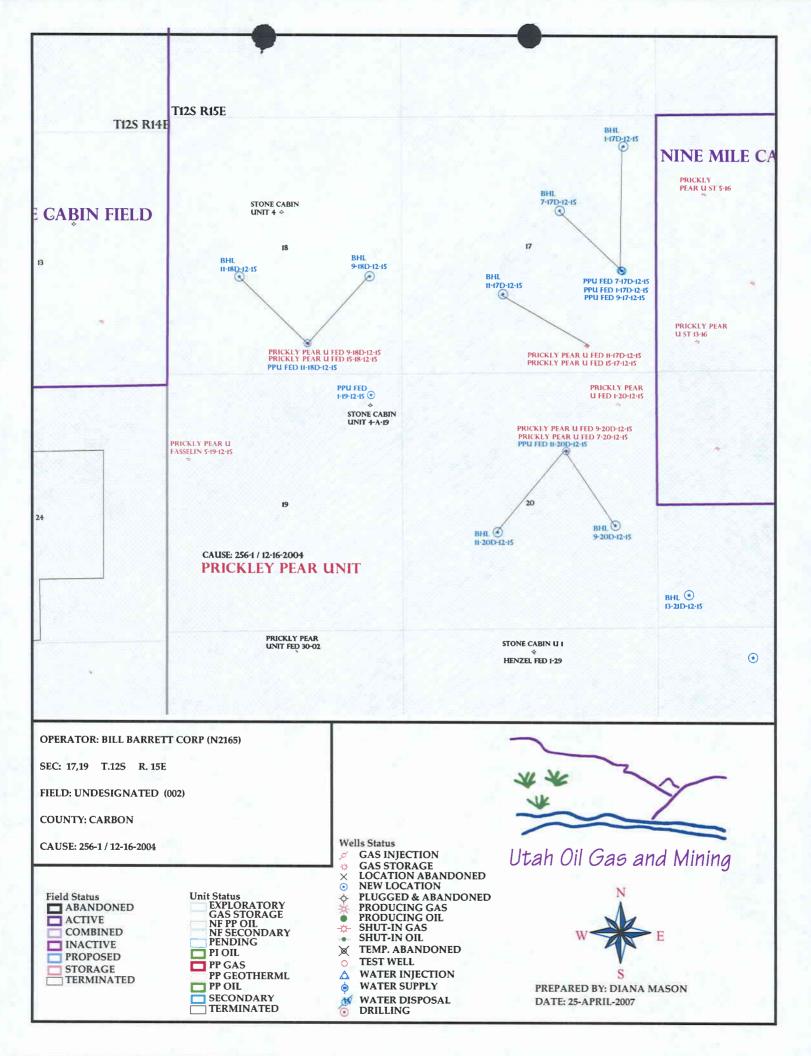






APD RECEIVED: 04/20/2007		API NO. ASSIG	NED: 43-00	7-31289
WELL NAME: PPU FED 7-17D-12-15 OPERATOR: BILL BARRETT CORP (N2165) CONTACT: TRACEY FALLANG) 1	PHONE NUMBER:	303-312-813	34
PROPOSED LOCATION:	Ī	INSPECT LOCATN	BY: /	/
NESE 17 120S 150E SURFACE: 2073 FSL 0715 FEL		Tech Review	Initials	Date
SORFACE: 2073 FSL 0715 FEL JE BOTTOM: 1980 FNL 1980 FEL	<u> </u>	Engineering		
COUNTY: CARBON	 	Geology		
LATITUDE: 39.77218 LONGITUDE: -110.2530 UTM SURF EASTINGS: 563981 NORTHINGS: 4402	529	Surface		
FIELD NAME: UNDESIGNATED (2) L		<u> </u>	, <u> </u>
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-73006 SURFACE OWNER: 1 - Federal		PROPOSED FORMAT		2V
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. WYB000040 Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 90-1846 RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	R6 Unit:_I R6 Si R6 Dr B S	PRICKLY PEAR 61 49-2-3. PRICKLY PEAR 61 49-3-2. Generating: 460 From Qt 49-3-3. Exception Unit Board Cause No: Eff Date: Esting: Spend 49-3-11. Direct	al r/Qtr & 920' 1 tion 251- 5 Jenus	Sting
STIPULATIONS:	no C			

للمارع





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

April 26, 2007

Bill Barrett Corporation 1099 18th St., Ste. 2300 Denver, CO 80202

Re:

Prickly Pear Unit Federal 7-17D-12-15 Well, Surface Location 2073' FSL, 715' FEL, NE SE, Sec. 17, T. 12 South, R. 15 East, Bottom Location 1980' FNL, 1980' FEL, SW NE, Sec. 17, T. 12 South, R. 15 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31289.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Carbon County Assessor

Bureau of Land Management, Moab Office

Operator: Bill Barrett Corporation				
Well Name & Number Prickly Pear Unit Federal 7-17D-12-15				
API Number:	43-007-3	31289		
Lease:	UTU-73006			
Surface Location: <u>NE SE</u> Bottom Location: <u>SW NE</u>	Sec. <u>17</u> Sec. <u>17</u>	T. <u>12 South</u> T <u>12 South</u>	R. <u>15 East</u> R. <u>15 East</u>	

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.



Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTER **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an shandoned well. Use Form 3160 - 3 (APD) for such proposals

5.	Lease Serial No.
	UTU-73006
6.	If Indian, Allottee or Tribe Name

abalicolled Well. Ose Politi 5100-0 (Arb) for such proposais.	n/a
SUBMIT IN TRIPLICATE- Other inst	ructions on reverse side.	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well Gas Well Other		8. Well Name and No.
2. Name of Operator BILL BARRETT CORPORATION		Prickly Pear Unit Fed 7-17D-12-15 9. API Well No.
3a Address 1099 18th Street Suite 2300 Denver CO 80202	3b. Phone No. (include area code) 303 312-8134	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		Nine Mile/Wasatch-Mesaverde
NESE, 2073' FSL, 715' FEL Sec. 17, T12S-R15E		11. County or Parish, State Carbon County, Utah

12. CHECK AF	PPROPRIATE BOX(ES) T	O INDICATE NATUR	E OF NOTICE, REPORT, O	R OTHER DATA
TYPE OF SUBMISSION		TYF	PE OF ACTION	
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Start/Resume) Reclamation Recomplete Temporarily Abandon Water Disposal	Water Shut-Off Well Integrity Other Change in pad layout

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THIS SUNDRY AND THE ATTACHED REVISED PAD LAYOUT AND CROSS SECTION PLATS ARE BEING SUBMITTED AS NOTIFICATION THAT THE ESTIMATED DISTURBED AREA FOR THE PAD AND PIPELINE WENT FROM ABOVE 5 ACRES TO 4.48 ACRES. ALTHOUGH NOT TYPICALLY THE CASE DUE TO TOPOGRAPHIC REASONS AND RIG REQUIREMENTS, BBC WAS ABLE TO ADJUST THIS PAD BY REDUCING THE PAD SIZE SLIGHTLY AND THE PIPELINE CORRIDOR REQUESTED WIDTH TO 14'. UINTA ENGINEERING HAS BEEN CONTACTED TO MAKE THE NECESSARY CHANGES IN THE FIELD. NO ADDITIONAL CHANGES ARE BEING MADE AT THIS TIME.

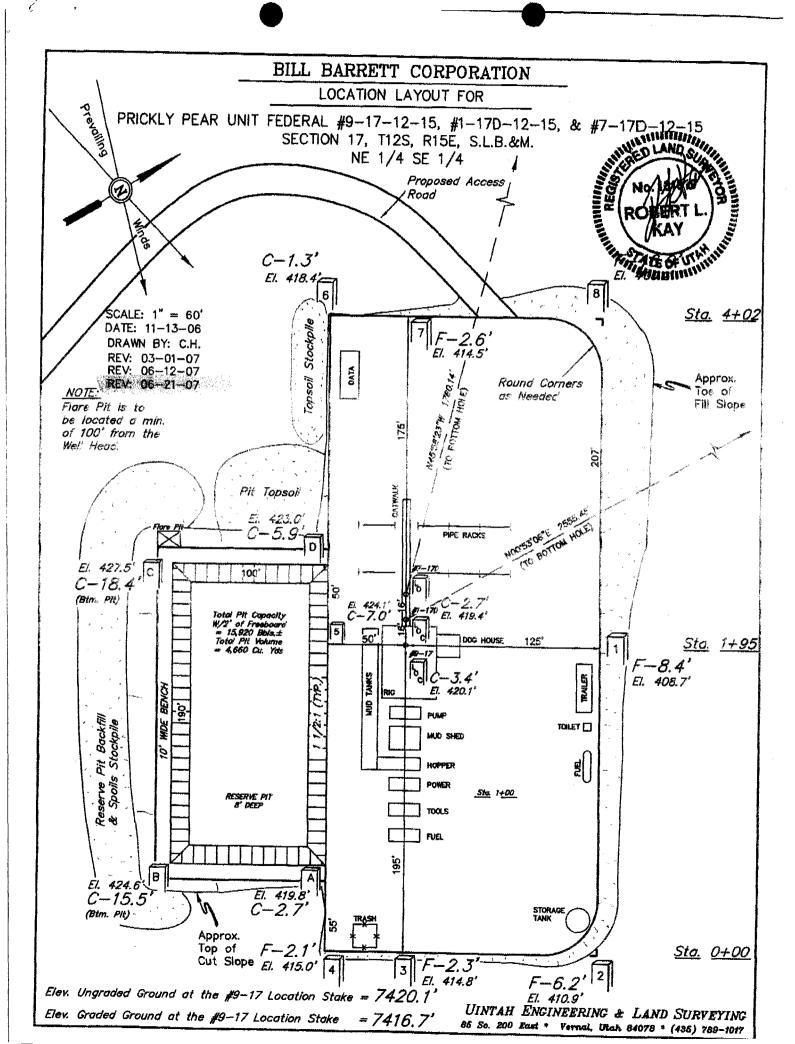
> Accepted by the Than Division of Oil, Gas and Mining FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	1		
Tracey Fallang	Title	Environmental/Regulatory Analy	yst
Signature Junua Fallana	Date	06/27/2007	
THIS SPACE FOR FEDERAL	LOR	STATE OFFICE USE	
Approved by		Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warra certify that the applicant holds legal or equitable title to those rights in the subject lewhich would entitle the applicant to conduct operations thereon.	ant or ease	Office	
		Irrawingly and willfully to make to	one department or agency of the United

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

JUN 2 9 2007



BILL BARRETT CORPORATION TYPICAL CROSS SECTIONS FOR X-Section Scale PRICKLY PEAR UNIT FEDERAL #9-17-12-15, #1-17D-12-15, & #7-17D-12-15 SECTION 17, T12S, R15E, S.L.B.&M. 1" = 100' NE 1/4 SE 1/4 DATE: 11-13-05 DRAWN BY: C.H. REV: 03-01-07 REV: 06-12-07 50' 125 1 STA. 4+02 50' 100 125 7 LOCATION STAKE STA 100° 50 125 Slope= 1 1/2:1 Finished Grade TYP-) STA. 1+00 APPROXIMATE ACREAGES WELL SITE DISTURBANCE * ±2.53 ACRES ACCESS ROAD DISTURBANCE (1850' 6 32' = ±1.36 ACRES PIPELINE DISTURBANCE (1850' 0 14') = ±0.59 ACRES 50' 125 TOTAL - ±4.40 ACRES Preconstruction rade NOTE: 0+00 57A. Topsoil should not be Stripped Below Finished Grade on Substructure Area. * NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION APPROXIMATE YARDAGES EXCESS MATERIAL CUT 4,460 Cu. Yds. (6") Topsoil Stripping 2,130 Cu. Yds. Topsoil & Pit Backfill 4,460 Cu. Yds. (1/2 Pit Vol.) Remaining Location = 14,990Cu. Yds. EXCESS UNBALANCE Cu. Yds.

(After interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East * Vernal, Utah 84078 * (486) 789-1017

TOTAL CUT

FILL

17,120 CU.YDS.

= 12,660 CU.YDS.

FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL CAS AND MINING

	DIVISION OF OIL, GAS AND MI	NING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73006
SUNDRY	Y NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill n	new wells, significantly deepen existing wells below curr	rent bottom-hole denth, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:
drill horizontal la	aterals. Use APPLICATION FOR PERMIT TO DRILL fo	orm for such proposals.	Prickly Pear/UTU-079487
OIL WELL	GAS WELL OTHER_		Prickly Pear Unit Fed 7-17D-12-15
2. NAME OF OPERATOR: Bill Barrett Corporation			9. API NUMBER: 4300731289
3. ADDRESS OF OPERATOR:	- 00	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
1099 18th Street, Suite 2300 _{CIT}	Py Denver STATE CO ZIP	80202 (303) 312-8134	Nine Mile/Wasatch-Mesaverde
FOOTAGES AT SURFACE: 2073'	FSL, 715' FEL		соинту: Carbon
QTR/QTR, SECTION, TOWNSHIP, RAN	NGE, MERIDIAN: NESE 17 12S 1	5E	STATE:
QINGIR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN. INESE 17 120 1	JL	UTAH
11. CHECK APPI	ROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN FRACTURE TREAT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) Approximate date work will start:	ALTER CASING CASING REPAIR	FRACTURE TREAT NEW CONSTRUCTION	SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON
10/1/2007	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
10/1/2007	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	✓ отнея: Change in surface
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	and bottom hole loc
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all p	ertinent details including dates, depths, volume	es, etc.
This sundry is being subm	nitted as notification that the surfa	ce hole location has changed as	follows:
Surface:	-1.3973X	39.772227	
Previous: 2073' FSL, 715) EL -		
New: 2089' FSL, 743' FE	44025344	-110.253042	
Bottom:	o hour	- 1561.5	
Previous: 1980' FNL, 198 New: 1982' FNL, 1973' F	:CI	39.775565	and the address
	1140741124		proved by the
Because the Federal APD Management reflecting the	D has not yet been approved, BBC be change of the surface hole loca	is submitting the enclosed new tion.	application to the Bureau of Land has and Mining
If you should have any qu	uestions, please contact me at 303	3-312-8134.	
	•	Date: £	-A FD-015-FC
		Ву: <u>}</u>	rea gill
NAME (PLEASE PRINT) Tracey Fa	allang	_{тітье} Environmental/Ro	egulatory Analyst
NAME (PLEASE PRINT)		m/92-12	-
SIGNATURE	y taugna	DATE	
This space for State use only)			

Federal Approval of this Action is Necessary



RECEIVED
JUL 2 6 2007



July 25, 2007

Ms. Diana Mason State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Directional Drilling R649-3-11

Prickly Pear Unit Federal #7-17D-12-15

Surface: 2089' FSL & 743' FEL, NESE 17-T12S-R15E

Bottom Hole: 1982' FNL & 1973' FEL, SWNE 17-T12S-R15E

Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Prickly Pear Unit Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area:
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact Doug Gundry-White, Senior Landman at 303-312-8129.

Sincerely,

Doug Gundry-White Senior Landman

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JUL 2 6 2007

1099 18TH STREET SUITE 2300

DENVER, CO 80202

303.293.9100

303.291.0420



Form 3160-3 (April 2004)

BBC CONFIDENTIAL

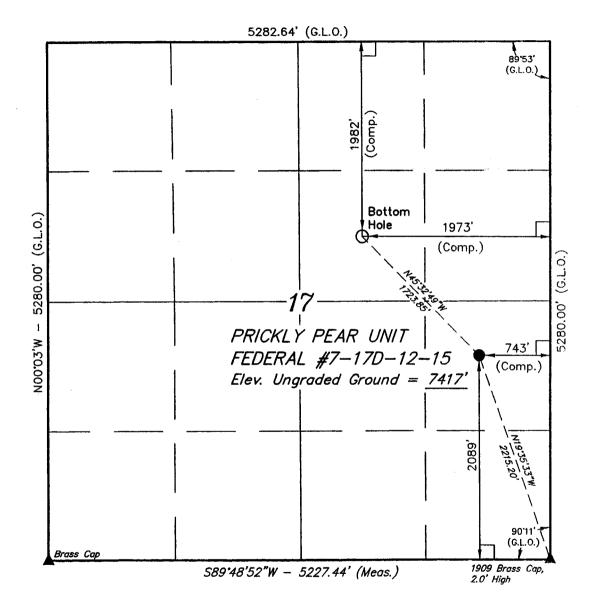
FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

DEPARTMENT OF THE I BUREAU OF LAND MAN				5. Lease Serial No. UTU-73006		
APPLICATION FOR PERMIT TO		REENTER		6. If Indian, Allotee	or Tribe	Name
la. Type of work:	CR.			7 If Unit or CA Agree Prickly Pear U		
lb. Type of Well: Oil Well Gas Well Other	✓ Sin	igle Zone Multip	le Zone	8. Lease Name and W Prickly Pear U		#7-17D-12-15
2. Name of Operator BILL BARRETT CORPORATION				9. API Well No. pending		
3a. Address 1099 18th Street, Suite 2300 Denver CO 80202		(include area code) 12-8134		10. Field and Pool, or E Nine Mile/Was	•	•
4. Location of Well (Report location clearly and in accordance with any At surface NESE, 2089' FSL, 743' FEL At proposed prod. zone SWNE, 1982' FNL, 1973' FEL	y State requirem	ents.*)		11. Sec., T. R. M. or Bl Sec. 17, T12S-I		rvey or Area
14. Distance in miles and direction from nearest town or post office* approximately 45 miles from Myton, Utah			····	12. County or Parish Carbon	·· <u> </u>	13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 743' SH/668' BH	Distance from proposed* 16. No. of acres in lease pocation to nearest property or lease line, ft.		17. Spacin	g Unit dedicated to this w	vell	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 16' SH/1316' BH	' '			/BIA Bond No. on file onwide Bond #WYB000040		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7417' ungraded ground	22. Approxi	nate date work will star 10/01/2007	rt*	23. Estimated duration 45 days	1	
The following, completed in accordance with the requirements of Onshor	24. Attac		ttached to th	io form		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 		4. Bond to cover the ltem 20 above). 5. Operator certification.	he operation cation specific inf	ons unless covered by an	J	,
25. Signature Jacus Fallanes Title Environmental/Regulatory Analyst	II	(Printed/Typed) Tracey Fallang			Date /	25/07
Approved by (Signature)	Name	(Printed/Typed)			Date	,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,
Title	Office		_]	
Application approval does not warrant or certify that the applicant hold conduct operations thereon. Conditions of approval, if any, are attached.	ls legal or equi	table title to those righ	in the sul	bject lease which would e	ntitle the	applicant to
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a c States any false, fictitious or fraudulent statements or representations as	rime for any p to any matter v	erson knowingly and vithin its jurisdiction.	willfully to 1	nake to any department o	or agency	of the United

*(Instructions on page 2)

RECEIVED
JUL 2 6 2007

T12S, R15E, S.L.B.&M.



LEGEND:

__ = 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 39'46'20.04'' (39.772233)

LONGITUDE = 110"15"14.65" (110.254069)

(NAD 27)

LATITUDE = 39'46'20.17" (39.772269)

LONGITUDE = 110"15'12.09" (110.253358)

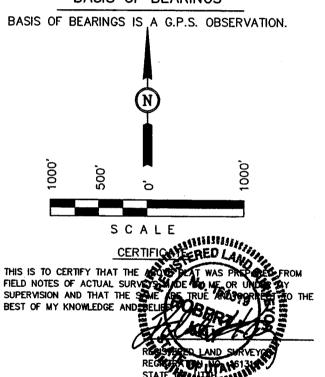
BILL BARRETT CORPORATION

Well location, PRICKLY PEAR UNIT FEDERAL #7-17D-12-15, located as shown in the NE 1/4 SE 1/4 of Section 17, T12S, R15E, S.L.B.&M., Carbon County, Utah.

BASIS OF ELEVATION

COTTON TRIANGULATION STATION, LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M., TAKEN FROM THE TWIN HOLLOW, CARBON COUNTY, QUADRANGLE, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.

BASIS OF BEARINGS



UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

(100) 101					
SCALE 1" = 1000'	DATE SURVEYED: 07-05-07	DATE DRAWN: 07-16-07			
D.R. K.A. P.M.	REFERENCES G.L.O. PLAT				
WEATHER	FILE				
WARM	DILL DADDE	TT CODDODATION			

BILL BARRETT CORPORATION

PRICKLY PEAR UNIT FEDERAL #9-17-12-15, #1-17D-12-15, #7-17D-12-15, #10-17D-12-15 & #8-17D-12-15 LOCATED IN CARBON COUNTY, UTAH SECTION 17, T12S, R15E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



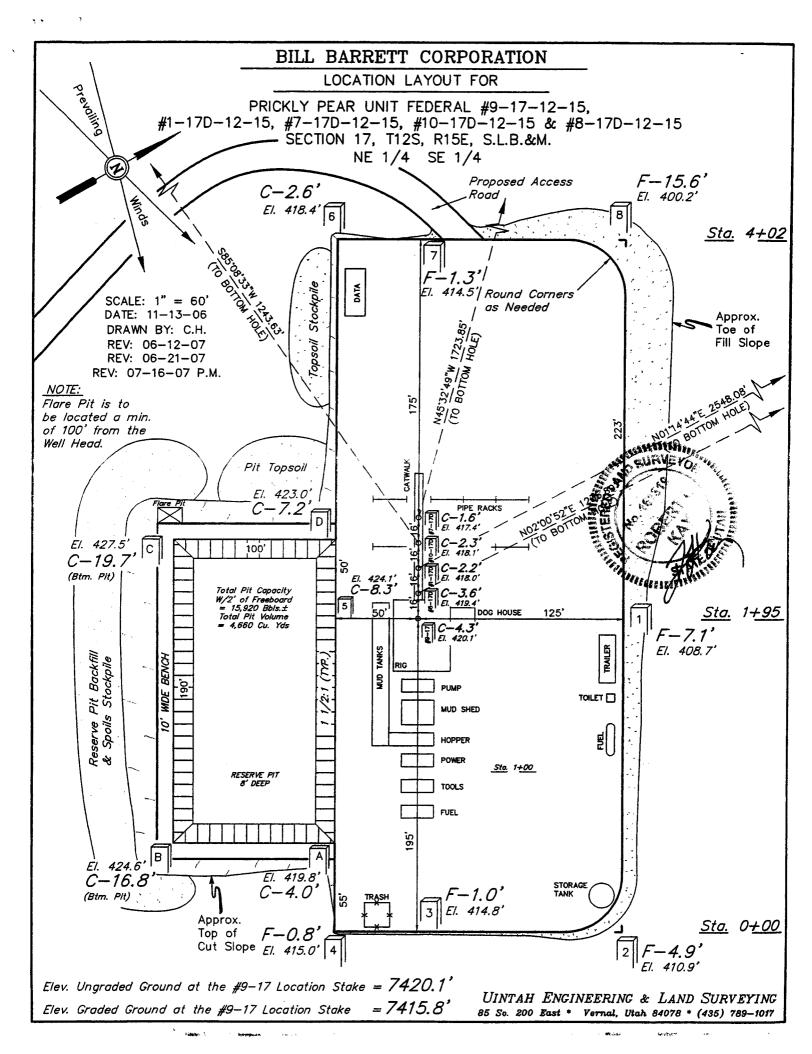
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

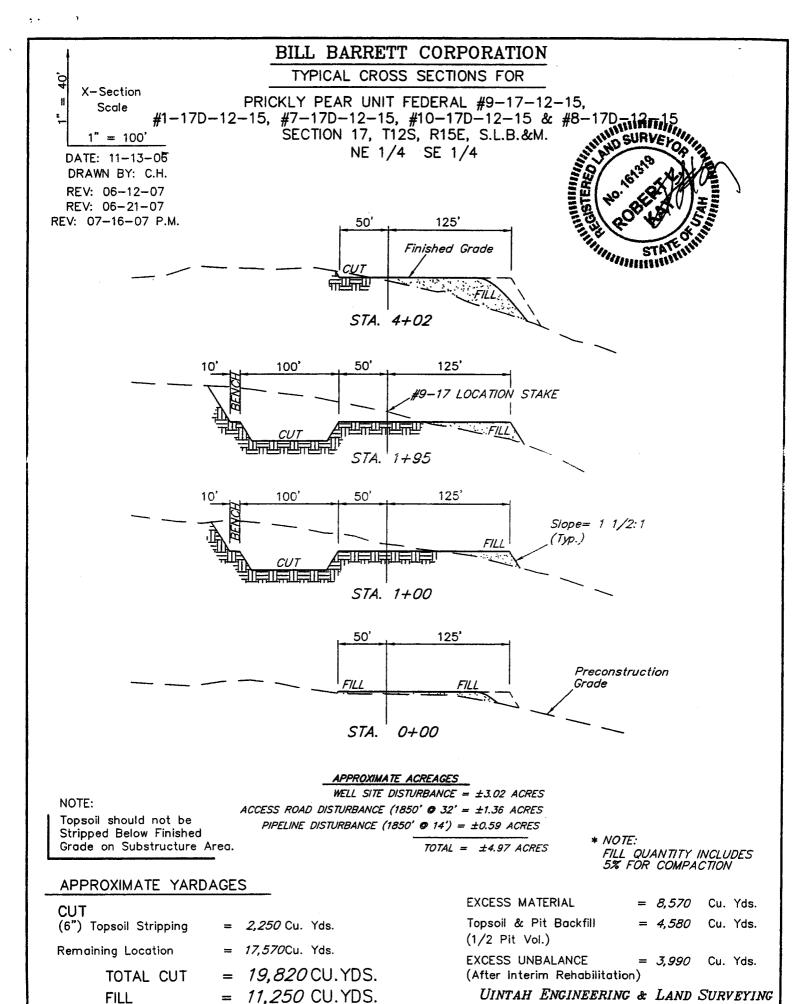
LOCATION PHOTOS

MONTH DAY

РНОТО

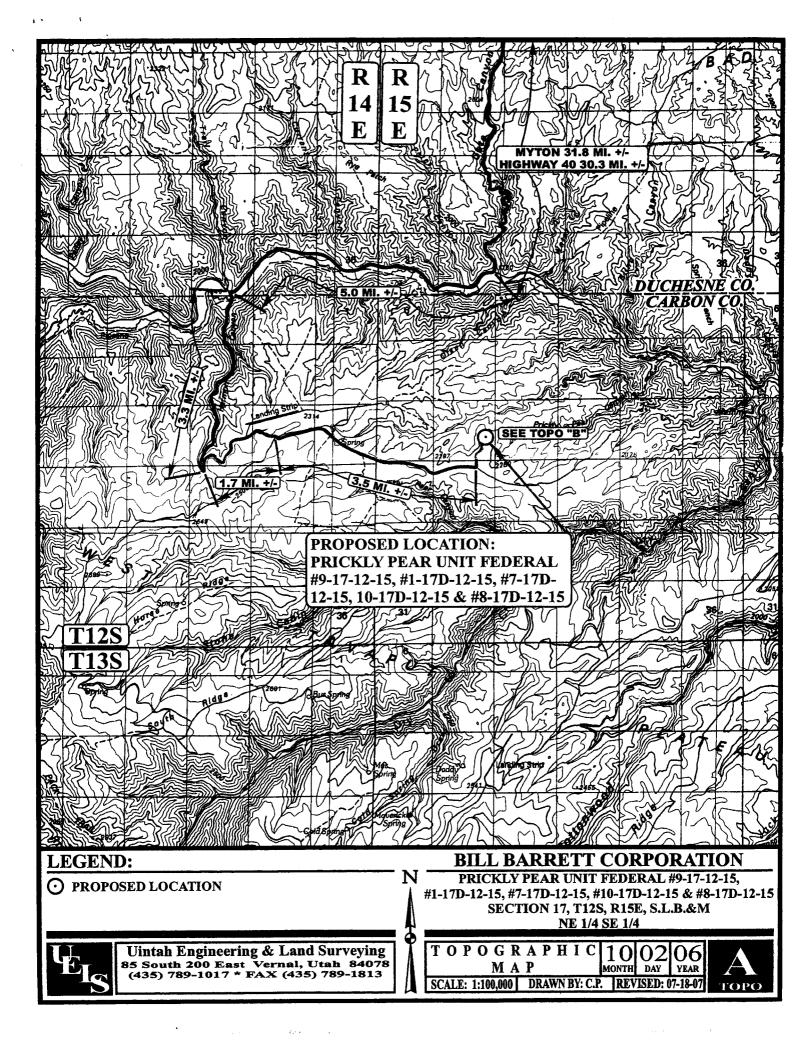
TAKEN BY: D.R. | DRAWN BY: C.P. | REVISED: 07-18-07

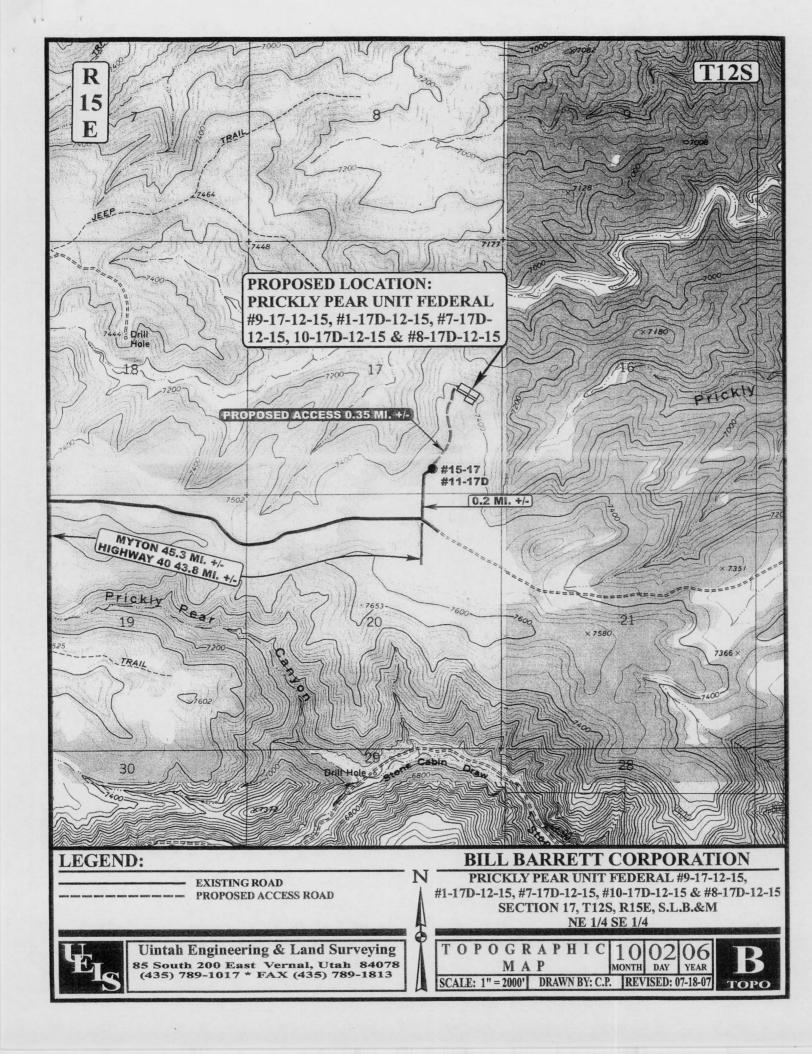


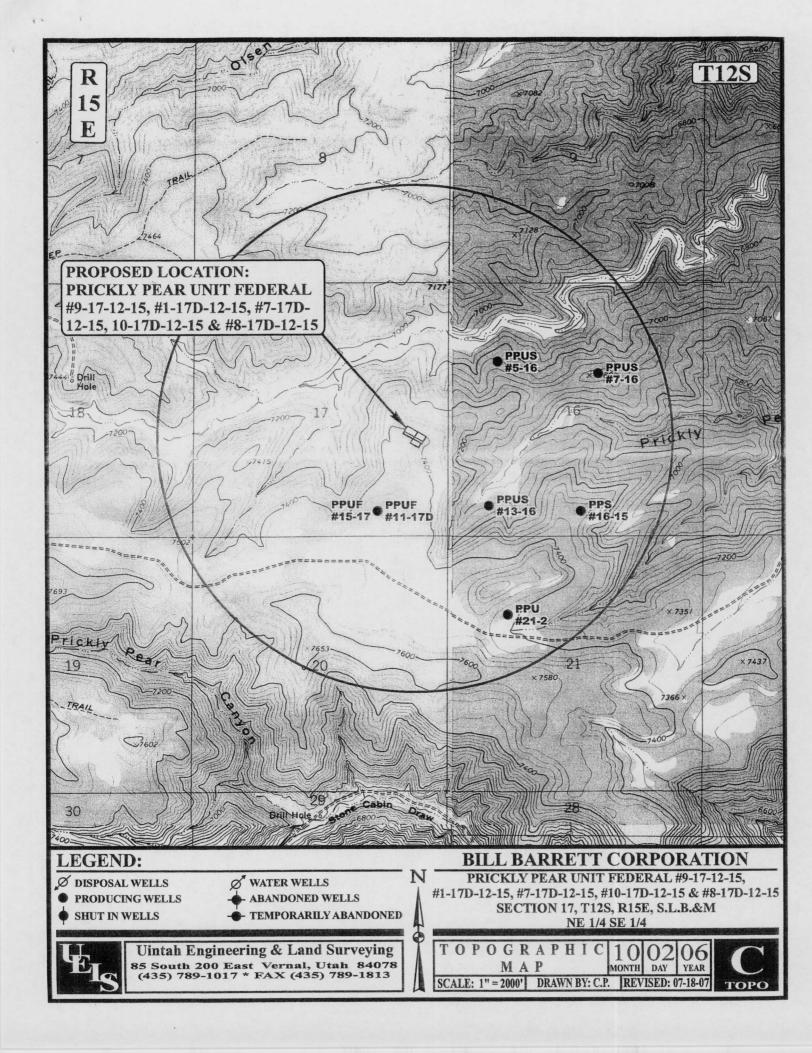


86 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

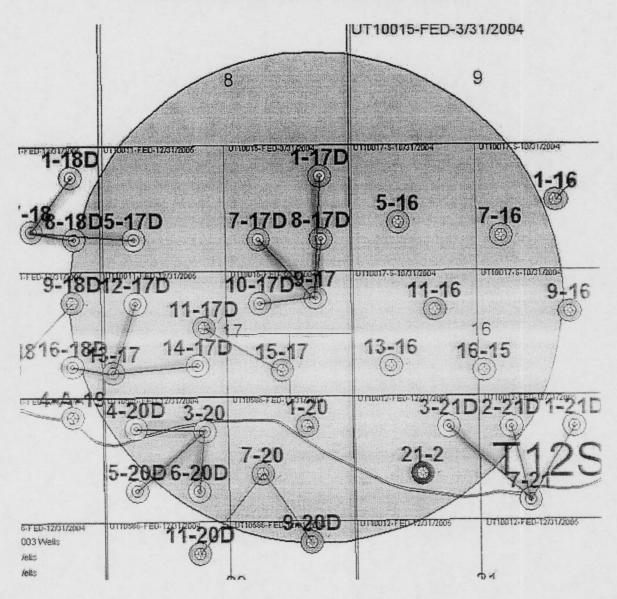
. *



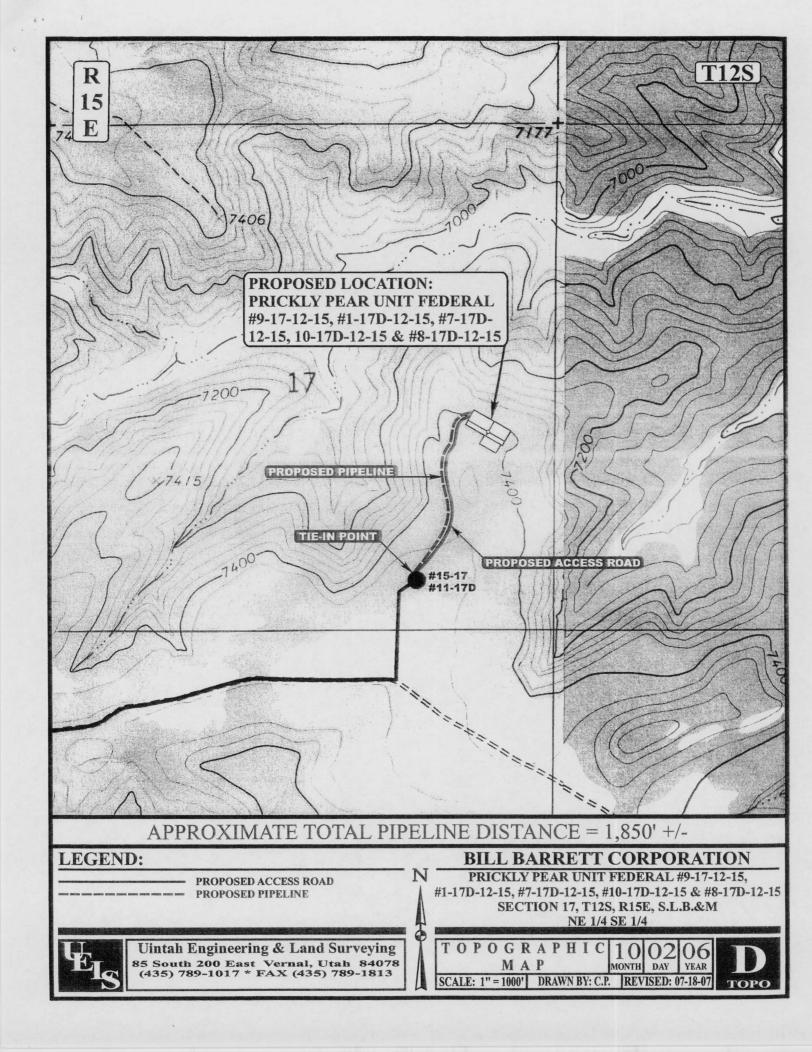




ADDENDUM TO TOPOGRAPHIC MAP C



Planned



HAZARDOUS MATERIAL DECLARATION

FOR WELL NO. PRICKLY PEAR UNIT FEDERAL #7-17D-12-15 LEASE NO. UTU 73006

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will not use, produce, or store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Super Amendments and Reauthorization Act (SARA) of 1986.

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport, or dispose less than the threshold planning quantity (TPQ) of any extremely hazardous substances as defined in 40 CFR 355.

DRILLING PROGRAM

BILL BARRETT CORPORATION Prickly Pear Unit Federal #7-17D-12-15

NESE, 2089' FSL, 743' FEL, Sec. 17-T12S-R15E (Surface Hole) SWNE, 1982' FNL, 1973' FEL, Sec. 17, T12S-R15E (Bottom Hole) Carbon County, Utah

1-2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	Depth – MD	Depth - TVD	
Green River	Surface	Surface	
Wasatch	3017'*	2857'*	
North Horn	5091'*	4757'*	
Dark Canyon	6940'*	6602'*	
Price River	7180'*	6842'*	
TD	8000'*	7700'*	

PROSPECTIVE PAY

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment					
0 – 1000'	No pressure control required					
1000' – TD	11" 3000# Ram Type BOP					
	11" 3000# Annular BOP					
- Drilling spool to	accommodate choke and kill lines;					
- Ancillary and choke manifold to be rated @ 3000 psi;						
- Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in						
accordance with the requirements of onshore Order No. 2;						
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in						
advance of all Bo	advance of all BOP pressure tests.					
- BOP hand wheels	s may be underneath the sub-structure of the rig if the drilling rig used is set up					
	fficiently in this manner.					

4. Casing Program

<u>Hole</u> Size	SETTING (FROM)	G DEPTH (TO)	<u>Casing</u> <u>Size</u>	<u>Casing</u> Weight	Casing Grade	Thread	Condition
12 1/4"	surface	1,000'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8" & 8 3/4"	surface	8,000'	5 1/2"	17#	N-80	LT&C	New

Note: Pending evaluation of anticipated stress on the production casing, BBC may use 5 ½", 20# P-110 LT&C production casing instead of the 17# N-80. BBC is also evaluating the benefit of using 4-1/2", 11.6#, I-80, LT&C production casing and wishes to have that option approved in this APD. The 4-1/2" casing design sheet is included in this package. Cement volumes would be adjusted accordingly.

^{*}Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas.

5. Cementing Program

9 5/8" Surface Casing	Approximately 240 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft ³ /sx) and 170 sx Premium cement with additives mixed at 15.8 ppg (yield = 1.16 ft ³ /sx) circulated to surface with 100% excess		
5 ½" Production Casing Approximately 1570 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 900'.			
Note: Actual volumes to be calculated from caliper log.			

6. Mud Program

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0-40'	8.3 - 8.6	27 – 40		Native Spud Mud
40' - 1000'	8.3 - 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' – TD	8.6 – 9.5	38-46	15 cc or less	LSND/DAP

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce tork and drag.

Note: In the event air drilling should occur at this location:

- Fresh water would be used to suppress the dust coming out. The blooie line, approximately 37' long and 6" diameter, would run from the pit to the wellhead. There is no ignition system as burnable gas should not be encountered.
- Capacity of compressor: 1250SCFM with an 1170 SCFM on standby, which would be located very near the wellbore. The compressor has switches to shut off should any problems be encountered.
- The rig has mud pumps capable of pumping the kill fluid (fresh water), of which there is 500 bbls on location at all times.

7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

Bill Barrett Corporation Drilling Program Prickly Pear Unit Federal #7-17D-12-15 Carbon County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3804 psi* and maximum anticipated surface pressure equals approximately 2110 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A - (0.22 x TD)

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

10. <u>Drilling Schedule</u>

Location Construction:

October 1, 2007

Spud:

October 10, 2007

Duration:

15 days drilling time

30 days completion time

Well name:

BIII Barrett

Utah: West Tavaputs Field

Openstor. String type:

Surface

Location

Carbon County, UT

Design parameters:

Collapse

Mud weight;

9.50 ppg

Minimum design factors:

Collapse: Design factor

1.125

Environment: H2S considered?

Surface temperature:

75.00 °F Bottom hole temperature: Temperature gradient: Minimum section length:

1.40 °F/100ft 1.000 ft

No

89 °F

Design is based on evacuated pipe.

Burst:

Design factor

1.00

1.80 (J) 1.80 (J)

1.80 (J)

1.80 (J)

Cement top:

Surface

10,000 fc

Burst

Max anticipated surface

pressure: Internal gradient: 2,735 psi 0.22 psi/ft

Calculated BHP 2,955 psi

9.50 ppg Annuiar backur:

Tension: 8 Round STC:

> 8 Round LTC: Buttress:

Premium: Body yield

1.80 (B)

Tension is based on buoyed weight. Neutral point: 859 ft

Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight:

9.500 ppg Next setting BHF: 4,935 psi Fracture mud wt: 10.000 ppg Fracture depth: 10.000 ft Injection pressure 5,195 psi

Run Segment Nominal End True Vert Measured Drift internal Seg Length Size Weight Grade Finish Depth Depth Diameter Capacity (ft) (in) (lbs/ft) (ft) (ft) (in) (ft²) 1 1000 9.625 36.00 J/K-55 ST&C 1000 1000 8.796 71.2 Run Collapse Collapse Collapse Burst Burst Burst Tension Tension Tension Seq Load Strength Design Load Strength Design Load Strength Design (psi) (psi) Factor (psi) (psi) Factor (Kips) (Kips) Factor 7 493 2020 4.094 2735 3520 1.29 31 453 14.64 J

Prepared Dominic Spencer by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 1,2003 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemier method of biaxiel correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

War name:
Utah: West Tavaputs

Operator: Bill Barrett
String type: Production

Location: Carbon County, UT

Design parameters: Collapse

9.50 ppg

Minimum design factors: Collapse:

Design factor

Design factor

s: Environment;
H2S considered?
1.125 Surface temperature:
Bottom hole temperature:

No 75.00 °F 215 °F 1.40 °F/100ft 1,500 ft

Design is based on evacuated pipe.

-.

1.00

Cement top:

2,375 ft

<u>Burst</u> Max anticipated surface

Mud weight:

pressure: 4,705 psi Internal gradient: 0.02 psi/fit Calculated BHP 4,935 psi

Tension: 8 Round

Burst:

Annular backup:

9.50 ppg

8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) Buttress: 1.80 (J) Premium: 1.80 (J) Body yield: 1.80 (B)

1.80 (B)

Tension is based on buoyed weigh! Neutral point: 8,559 @

4705

Non-directional string.

Temperature gradient:

Minimum section length:

Drift interna! True Ven Run Segment Nominal Enci Measured Capacity Seç Length Size Weight Grade Finish Depth Depth Diameter (ft^{a}) (ft)(in) (lbs/ft) (ft)(ft)(in) 4.767 344.5 10000 5.5 17.00 N-80 LT&C 10000 10000 Collapse Collapse Collapse Burs! Burst Tension Tension Tension Run Burst Load Strength Design Seg Load Strength Design Load Strength Design (Kips) (Kips) Factor (psi) (psi) Factor (psi) (psl) Factor

7740

1.65

146

Prepared Dominic Spencer by: Bill Barrett

4935

6290

1.275

Phone: (303) 312-8143 FAX: (303) 312-8195 Date: August 1,2003 Denver, Colorado

348

2.39 J

Remerks

Colleges is based on a vertical depth of 10000 ft, a mud weight of \$.5 ppg. The casing is considered to be evacuated for colleges purposes. Colleges strength is based on the Wastcott, Dunlop & Kemler method of bleatel correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

West Tavaputs General

Operator.

Bill Barrett

String type: Production

Carbon County, Utah

Design parameters:

Minimum design factors:

Environment:

Collapse

Collapse:

H2S considered?

9.50 ppg Design factor Surface temperature:

No 75.00 °F

Mud weight;

1.125

1.00

Bottom hole temperature:

189 °F

Design is based on evacuated pipe.

Temperature gradient:

1.40 °F/100ft

Minimum section length:

1,500 ft

Burst:

Design factor

Cement top:

2,500 ft

Burst

Max anticipated surface

pressure:

2,226 psi

Internal gradient:

0.22 psl/ft

and a

Calculated BHP

4,016 psi

Tension: 8 Round STC:

1.80 (J)

Directional info - Build & Drop

8 Round LTC: 1.80 (J)

Kick-off point Departure at shoe: 1000 ft 2165 ft

Buttress Premium: 1.60 (J) 1.50 (J) Maximum doglec:

2 7100ft

No backup mud specified

1.50 (B) Body yield:

Tension is based on buoyed weight. Neutral point:

7,560 6

inclination at shoe:

0 "

Drift Segment Nominal End True Vert Measured Internal Run Length Size Weight Grade Finish Depth Depth Diameter Capacity Seq (ft²) (in) (ft)(in) (lbs/ft) (ft)(ft) 1 8730 5.5 20.00 P-110 LT&C 8138 8730 4.653 353.3 Run Collapse Collapse Collapse Burst Burst Burst Tension Tension Tension Design Strength Design Strength Load Seq Load Strength Design Load (psi) (Kips) Factor **Factor** (Kips) (psi) (psi) Factor (psi) 4016 11100 2.764 4016 12630 3.14 139 548 3.93 J

Prepared Dominic Spencer by: Bitt Barrett Corporation

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 25,2004 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 8138 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kernler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tansile stress by the cross section area to calculate a tensile load which is added to the axial load.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

West Tavaputs General

Operator:

Bill Barrett Corporation

String type:

Production

Design is based on evacuated pipe.

Design parameters:

Collapse

Mud weight:

9.50 ppg

Minimum design factors:

Collapse:

Design factor

Environment:

H2S considered?

Surface temperature:

No 60.00 °F

Bottom hole temperature:

Temperature gradient:

Non-directional string.

200 °F 1.40 °F/100ft

Minimum section length:

1,500 ft

Cement top:

2,500 ft

Burst:

Design factor

1.00

1.125

Burst

Max anticipated surface

No backup mud specified.

pressure:

2,735 psi

Internal gradient: Calculated BHP

0.22 psi/ft

4,935 psi

Tension:

8 Round STC:

Buttress:

Body yield:

8 Round LTC:

Premium:

1.80 (J) 1.80 (J)

1.80 (J) 1.80 (J)

1.80 (B)

Tension is based on buoyed weight. 8.580 ft Neutral point:

Run Seg	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Fini s h	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (In)	internal Capacity (ft²)
4	10000	4.5	11.60	1-80	LT&C	10000	10000	3.875	231.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psl)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor

7780

1.58

100

Prepared Dominic Spencer

4935

6350

1.287

by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

4935

Date: December 13,2005 Denver, Colorado

223

2.24 J

Remarks:

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

PRESSURE CONTROL EQUIPMENT - Schematic Attached

- A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:
 - 1. One (1) blind ram (above).
 - 2. One (1) pipe ram (below).
 - 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
 - 4. 3-inch diameter choke line.
 - 5. Two (2) choke line valves (3-inch minimum).
 - 6. Kill line (2-inch minimum).
 - 7. Two (2) chokes.
 - 8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
 - 9. Upper kelly cock valve with handles available.
 - 10. Safety valve(s) & subs to fit all drill string connections in use.
 - 11. Pressure gauge on choke manifold.
 - 12. Fill-up line above the uppermost preventer.
- B. Pressure Rating: 3,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirments of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

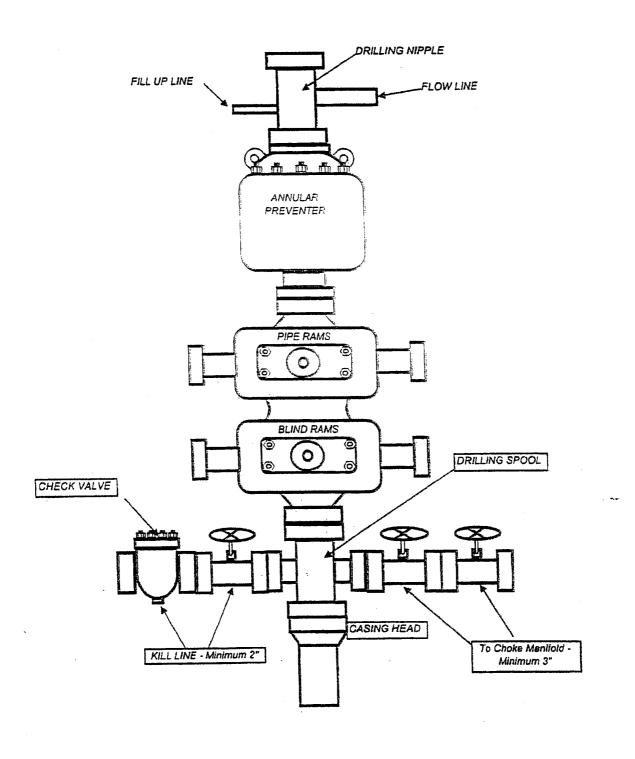
Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Oil & Gas Order Number 2. The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

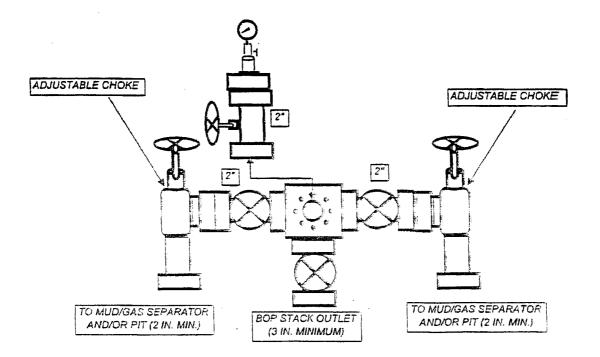
A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

BILL BARRETT CORPORATION TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. CHOKE MANIFOLD





Bill Barrett Corporation

NINE MILE CEMENT VOLUMES

Well Name:

Prickly Pear Unit Federal 7-17D-12-15

Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	219.2	ft ³
Lead Fill:	700'	
Tail Volume:	94.0	ft ³
Tail Fill:	300'	

Cement Data:

Lead Yield:	1.85	ft ³ /sk
Tail Yield:	1.16	ft ³ /sk
% Excess:	100%	

Calculated # of Sacks:

# SK's Lead:	240
# SK's Tail:	1.7(0)

Production Hole Data:

Total Depth:	8,000'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1793.4	ft ³
Lead Fill:	7,100'	

Cement Data:

Lead Yield:	1.49	ft ³ /sk
% Excess:	30%	

Calculated # of Sacks:

SK's Lead: 1570

Prickly Pear Unit Federal 7-17D-12-15 Proposed Cementing Program

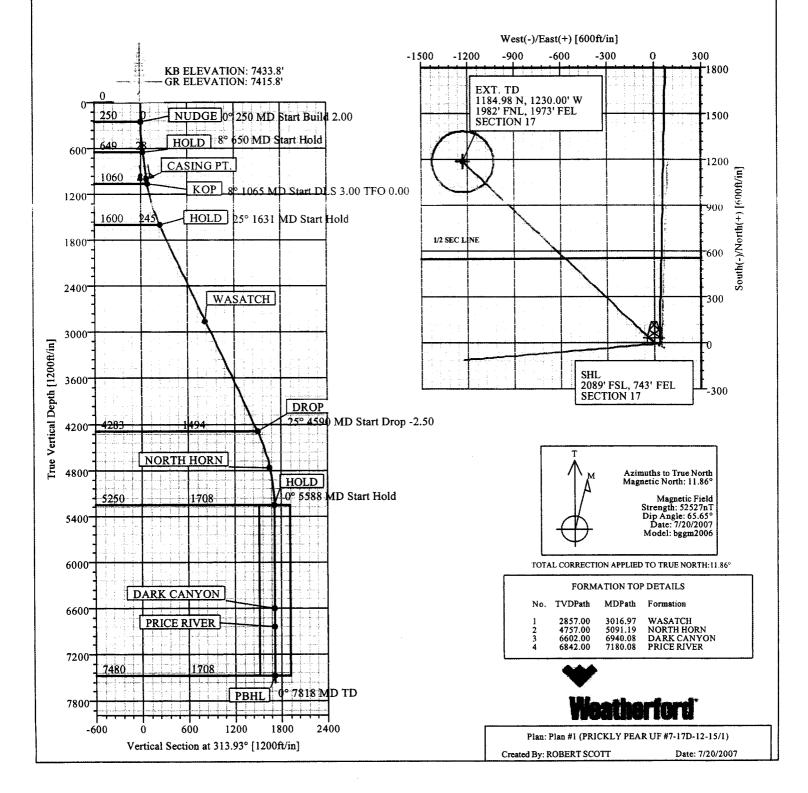
Job Recommendation		Su	rface Casing
Lead Cement - (700' - 0')	·		
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.85	ft ³ /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9	Gal/sk
	Top of Fluid:	Ο'	-
	Calculated Fill:	700'	
	Volume:	78.09	bbl
	Proposed Sacks:	240	sks
Tail Cement - (1000' - 700')			
Premium Cement	Fluid Weight:	15.8	lbm/gal
94 lbm/sk Premium Cement	Slurry Yield:	1.16	ft ³ /sk
2.0% Calcium Chloride	Total Mixing Fluid:	4.97	Gal/sk
0.125 lbm/sk Ploy-E-Flake	Top of Fluid:	700'	
	Calculated Fill:	300'	
	Volume:	33.47	bbl
	Proposed Sacks:	170	sks

Job Recommendation		Produc	tion Casing
Lead Cement - (8000' - 900')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:	1.49	ft ³ /sk
0.75% Halad®-322	Total Mixing Fluid:	7.06	Gal/sk
3.0 lbm/sk Silicalite Compacted	Top of Fluid:	900'	
0.2% FWCA	Calculated Fill:	7,100'	
0.125 lbm/sk Poly-E-Flake	Volume:	415.22	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	1570	sks



PRICKLY PEAR UF #7-17D-12-16 2089' FSL, 743' FEL SEC 17 T12S R15E CARBON COUNTY, UTAH

I						WELL	DETAILS						
١	Name				+N/-S +	E/-W 1	Northing	Easting		Latitude	1	Longitude	Slot
١	PRICKLY PE	AR UF #7-1	17D-12-	15	31.82	-56.00 708	8214.95	990594.18	39°46	5'20.044N	110°15	14.657W	N/A
TARGET DETAILS													
	Name	TV	VD	+N/-S	+E/-W	Northing	Easting		Latitude	Long	gitude	Shape	
L	PBHL_10-27D	7510.	.00	919.82	-1167.90	7078206.71	2031800.73	39°44	35.131N	110°06'28.	923W	Circle (Ra	dius: 200)
ľ						SECTIO	N DETAILS						
	Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Targ	get	
	1	0.00	0.00	313.93			0.00 0.00	0.00	0.00 313.93	0.00			
	3	250.00 650.00	0.00 8.00	313.93 313.93	648.70		-20.08	2.00	313.93	27.88			
l	4 5	1065.34 1630.50	8.00 24.95	313.93 313.93		59.45 170.26	-61.71 -176.73	0.00 3.00	0.00	85.68 245.40			
	6	4589.88 5588.08	24.95 0.00	313.93 0.00		1036.53 1184.98	-1075.91 -1230.00	0.00 2.50	0.00 180.00	1493.98 1707.94			
ĺ		7818.08	0.00	0.00		1184.98	-1230.00	0.00	0.00	1707.94	PBI	IL_7-17D	



Weatherford International, Ltd. PLAN REPORT

Company: BILL BARRETT CORP Field: CARBON COUNTY, UTAH PRICKLY PEAR #9-17-12-15-PAD PRICKLY PEAR UF #7-17D-12-15 Site Wellpath: 1

Date: 7/20/2007 Co-ordinate(NE) Reference; Vertical (TVD) Reference; Section (VS) Reference; Survey Calculation Method:

Time: 11:27:27 Page: 1 Well PRICKLY PEAR UF #7-170-92-15 SITE 7499-6 Well (0.00N,0.00E,319.93Azi)

Minimum Curvature

Field:

CARBON COUNTY, UTAH

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level Map Zone: Coordinate System: Geomagnetic Model:

Slot Name:

Utah, Central Zone

Well Centre bggm2006

Site:

PRICKLY PEAR #9-17-12-15 PAD

SECTION 17 T12S R15E 2057' FSL, 687' FEL

Site Position: Geographic From: Position Uncertainty:

0.00 ft 7415.80 ft

7088183.92 ft Northing: Easting: 1990650.61 ft Latitude: Longitude: 110

46 19.730 N 39 13.940 W 15

North Reference: True 0.80 deg Grid Convergence:

Well:

Ground Level:

Well Position:

Welipath: 1

Current Datum:

Magnetic Data:

Field Strength:

Vertical Section:

PRICKLY PEAR UF #7-17D-12-15

2089' FSL, 743' FEL

31.82 ft +N/-SNorthing: +E/-W -56.00 ft Easting:

7088214.95 ft Latitude: 1990594.18 ft Longitude:

39 46 20.044 N 14.657 W 110 15

Surface

Position Uncertainty:

0.00 ft

52527 nT

7/20/2007

Depth From (TVD)

0.00

Height 7433.80 ft

+N/-S

ft 0.00 Drilled From: Tie-on Depth: Above System Datum: Declination:

0.00 ft Mean Sea Level 11.86 deg 65.65 deg

Mag Dip Angle: Direction +E/-W ft deg 0.00

313.93

Plan:

Plan #1

Date Composed: Version:

7/20/2007

Principal: Yes Tied-to:

From Surface

Plan Section Information

		_								
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100f	Turn deg/100ft	TFO deg	Target
0.00	0.00	313.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
250.00	0.00	313.93	250.00	0.00	0.00	0.00	0.00	0.00	313.93	
650.00	8.00	313.93	648.70	19.34	-20.08	2.00	2.00	0.00	313.93	
1065.34	8.00	313.93	1060.00	59.45	<i>-</i> 61.71	0.00	0.00	0.00	0.00	
1630.50	24.95	313.93	1599.98	170.26	-176.73	3.00	3.00	0.00	0.00	
4589.88	24.95	313.93	4283.06	1036.53	-1075.91	0.00	0.00	0.00	0.00	
5588.08	0.00	0.00	5250.00	1184.98	-1230.00	2.50	-2.50	0.00	180.00	
7818.08	0.00	0.00	7480.00	1184.98	-1230.00	0.00	0.00	0.00	0.00	PBHL_7-17D

Survey

MD ft	Incl deg	Azim deg .	TVD ft	N/S ft	Æ/W Tf	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
250.00	0.00	313.93	250.00	0.00	0.00	0.00	0.00	0.00	0.00	NUDGE
350.00	2.00	313.93	349.98	1.21	-1.26	1.75	2.00	2.00	0.00	
450.00	4.00	313.93	449.84	4.84	-5.03	6.98	2.00	2.00	0.00	
550.00	6.00	313.93	549.45	10.89	-11.30	15.69	2.00	2.00	0.00	
650.00	8.00	313.93	648.70	19.34	-20.08	27.88	2.00	2.00	0.00	HOLD
750.00	8.00	313.93	747.73	29.00	-30.10	41.80	0.00	0.00	0.00	
850.00	8.00	313.93	846.76	38.65	-40.12	55.71	0.00	0.00	0.00	
950.00	8.00	313.93	945.78	48.31	-50.15	69.63	0.00	0.00	0.00	
1004.75	8.00	313.93	1000.00	53.60	-55.64	77.25	0.00	0.00	0.00	CASING PT.
1050.00	8.00	313.93	1044.81	57.96	-60.17	83.55	0.00	0.00	0.00	
1065.34	8.00	313.93	1060.00	59.45	-61.71	85.68	0.00	0.00	0.00	KOP
1150.00	10.54	313.93	1143.55	68.91	-71.53	99.32	3.00	3.00	0.00	
1250.00	13.54	313.93	1241.34	83.38	-86.55	120.18	3.00	3.00	0.00	
1350.00	16.54	313.93	1337.90	101.38	-105.24	146.12	3.00	3.00	0.00	

Weatherford International, Ltd. **PLAN REPORT**

Company; BILL BARRETT CORP

Date: 7/20/2007

Time: 11/27/27

Co-ordinate(NE) Reference: Well, PRIGKLY PEAR UF
Stie: PRIGKLY PEAR UF#7-17D-12-15

Well: PRIGKLY PEAR UF#7-17D-12-15

Section (VS) Reference: Well (0.00N/0.00E,313.93)

Wellpath: 1

Survey Calculation Method: Minimum Curvature

Co-ordinate(NE) Reference: Well: PRIGKLY PEAR UF #7-17D-12-15
Vertical (TVD) Reference: SHE 74336
Section (VS) Reference: Well (0.00N;0.00E;313.93Azi)
Survey Calculation Method: Minimum Curvature IDs: Sybase

Page: 2

No. Section	Survey										
1450.00						È/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
1930,50	1450.00	19.54	313.93	1432.97	122.86		177.09	3.00	3.00	0.00	
1930,50	1550.00	22.54	313.93	1526.30	147.77	-153.39	212.98	3.00	3.00	0.00	
1750.00							245.40	3.00	3.00		HOLD
1850.00	1650.00	24.95	313.93	1617.65		-182.66	253.63				•
1950 00	1750.00	24.95	313.93								
2050 0.0	1850.00	24.95	313.93	1798.98	234.51	-243.42	338.01	0.00	0.00	0.00	
2750.00	1950.00		313.93								
2250.00											
2550.00											
2450.00											
2850.00	2350.00	24.95	313.93	2252.30	300.07	-393.34	340.90				
2850.00											
2750.00											
2850.00											
2950.00											
3050.00	2000.00	24.55		2703.02	321.20						
3050.00											WAGATOU
3150.00											WASATCH
3250.00											
3350.00											
3450.00	3250.00	24.95	313.93	3068.28	644.32	-008.80	920.00	0.00	0.00	0.00	
3850.00	3350.00			3158.94	673.59						
3850.00	3450.00										
3750.00										0.00	
3850.00											
3950.00	3750.00	24.95	313.93	3521.60	790.68	-820.72	1139.03	0.00	0.00	0.00	
4050.00	3850.00	24.95	313.93	3612.26	819.95	-851.10		0.00			
4150.00											
4250.00 24.95 313.93 3974.92 937.04 -972.64 1350.58 0.00 0.00 0.00 0.00 4350.00 24.95 313.93 4065.58 966.31 -1003.02 1392.77 0.00 0.00 0.00 0.00 4450.00 24.95 313.93 4246.91 1024.85 -1063.79 1477.15 0.00 0.00 0.00 0.00 4550.00 24.95 313.93 4226.91 1024.85 -1063.79 1477.15 0.00 0.00 0.00 0.00 4550.00 23.45 313.93 4283.06 1036.53 -1075.91 1493.98 0.00 0.00 0.00 0.00 0.00 4650.00 23.45 313.93 4337.90 1053.63 -1093.66 1518.62 2.50 -2.50 0.00 4850.00 18.45 313.93 4524.62 1103.23 -1145.15 1590.12 2.50 -2.50 0.00 4850.00 15.95 313.93 4620.14 1123.75 -1166.44 1619.69 2.50 -2.50 0.00 5050.00 13.45 313.93 4716.85 1141.36 -1184.72 1645.07 2.50 -2.50 0.00 5091.19 12.42 313.93 4757.00 1147.75 -1191.36 1654.29 2.50 -2.50 0.00 NORTH HORN 5150.00 10.95 313.93 4814.59 1156.02 -1199.94 1666.20 2.50 -2.50 0.00 5350.00 5.95 313.93 5012.35 1176.41 -1221.10 1695.59 2.50 -2.50 0.00 5550.00 3.45 313.93 5012.35 1176.41 -1221.10 1695.59 2.50 -2.50 0.00 5550.00 3.45 313.93 5012.35 1176.41 -1221.10 1695.59 2.50 -2.50 0.00 5550.00 3.45 313.93 5012.35 1176.41 -1221.10 1695.59 2.50 -2.50 0.00 5550.00 0.95 313.93 5012.35 1176.41 -1221.10 1695.59 2.50 -2.50 0.00 5550.00 0.95 313.93 5012.35 1176.41 -1221.70 7707.8 2.50 -2.50 0.00 5550.00 0.95 313.93 5211.93 1184.76 -1229.77 7707.63 2.50 -2.50 0.00 5550.00 0.00 5311.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5550.00 0.00 5511.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5550.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 0.00 5550.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 0.00 5550.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 0.00 5550.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 0.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 0.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 0.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 0.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 0.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 0.00 0.00 0.00 5611.92 1184.98 -1230.											
4350.00											
4450.00	4250.00	24.95	313.93	3974.92	937.04	-972.64	1350.58	0.00	0.00	0.00	
4550.00	4350.00	24.95		4065.58	966.31	-1003.02					
4589.88											
4650.00 23.45 313.93 4337.90 1053.63 -1093.66 1518.62 2.50 -2.50 0.00 4750.00 20.95 313.93 4430.48 1079.84 -1120.87 1556.41 2.50 -2.50 0.00 4850.00 18.45 313.93 4524.62 1103.23 -1145.15 1590.12 2.50 -2.50 0.00 4950.00 15.95 313.93 4620.14 1123.75 -1166.44 1619.69 2.50 -2.50 0.00 5050.00 13.45 313.93 4716.85 1141.36 -1184.72 1645.07 2.50 -2.50 0.00 5091.19 12.42 313.93 4757.00 1147.75 -1191.36 1654.29 2.50 -2.50 0.00 NORTH HORN 5150.00 10.95 313.93 4814.59 1156.02 -1199.94 1666.20 2.50 -2.50 0.00 5250.00 8.45 313.93 4913.15 1167.71 -1212.07 1683.05 2.50 -2.50 0.00 5350.00 5.95 313.93 5012.35 1176.41 -1221.10 1695.59 2.50 -2.50 0.00 5450.00 3.45 313.93 5112.01 1182.09 -1227.00 1703.78 2.50 -2.50 0.00 5588.08 0.00 0.05 5250.00 1184.98 -1230.00 1707.94 2.50 -2.50 0.00 5588.08 0.00 0.00 5250.00 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5750.00 0.00 5511.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5950.00 0.00 0.00 5511.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5950.00 0.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 500 0.00 0.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 0.00 500 0.00 0.00 0.00										0.00	DDOD
4750.00 20.95 313.93 4430.48 1079.84 -1120.87 1556.41 2.50 -2.50 0.00 4850.00 18.45 313.93 4524.62 1103.23 -1145.15 1590.12 2.50 -2.50 0.00 4950.00 15.95 313.93 4620.14 1123.75 -1166.44 1619.69 2.50 -2.50 0.00 5050.00 13.45 313.93 4716.85 1141.36 -1184.72 1645.07 2.50 -2.50 0.00 5091.19 12.42 313.93 4757.00 1147.75 -1191.36 1654.29 2.50 -2.50 0.00 NORTH HORN 5150.00 10.95 313.93 4814.59 1156.02 -1199.94 1666.20 2.50 -2.50 0.00 5250.00 8.45 313.93 4913.15 1167.71 -1212.07 1683.05 2.50 -2.50 0.00 5350.00 5.95 313.93 5012.35 1176.41 -1221.10 1695.59 2.50 -2.50 0.00 5450.00 3.45 313.93 5112.01 1182.09 -1227.00 1703.78 2.50 -2.50 0.00 5550.00 0.95 313.93 5211.93 1184.76 -1229.77 1707.63 2.50 -2.50 0.00 5588.08 0.00 0.00 5250.00 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5750.00 0.00 0.00 5511.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5850.00 0.00 0.00 5511.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5950.00 0.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5950.00 0.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 500 0.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 0.00 500 0.00 0.00 0.00											DROP
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5350.00 5.95 313.93 5012.35 1176.41 -1221.10 1695.59 2.50 -2.50 0.00 5450.00 3.45 313.93 5112.01 1182.09 -1227.00 1703.78 2.50 -2.50 0.00 5550.00 0.95 313.93 5211.93 1184.76 -1229.77 1707.63 2.50 -2.50 0.00 5588.08 0.00 0.00 5250.00 1184.98 -1230.00 1707.94 2.50 -2.50 0.00 HOLD 5650.00 0.00 0.00 5311.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5750.00 0.00 0.00 5411.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5850.00 0.00 0.00 5511.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5950.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00											
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5650.00 0.00 0.00 5311.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5750.00 0.00 0.00 5411.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5850.00 0.00 0.00 5511.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5950.00 0.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00	5588.08	0.00	0.00	5250.00			1707.94	2.50	-2.50		HOLD
5850.00 0.00 0.00 5511.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00 5950.00 0.00 0.00 5611.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00		0.00									
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6050.00 0.00 0.00 5711.92 1184.98 -1230.00 1707.94 0.00 0.00 0.00	5950.00	0.00	0.00	5611.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
	6050.00	0.00	0.00	5711.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	

Weatherford International, Ltd. PLAN REPORT

Company: BILL BARRETT CORP

Date: 7/20/2007 Time: 11:27:27 Page: 3
Field: CARBON COUNTY, UTAH

Site: PRIOKLY PEAR #9:17-172-15 PAD

Vertical (TVD) Reference: Well (RRCKLY PEAR UF #7-17D-12-15

Well: PRIOKLY PEAR UF #7-17D-12-15

Section (VS) Reference: Well (0:00N 0:00E;313:93Azi)

Wellpath: 1

Survey Calculation Method: Minimum Curvature Db: Sybase

urvey										
MID ft	Incl deg	Azim deg	TYĎ Ħ	N/S ft	E/W ft	. VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
6150.00	0.00	0.00	5811.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
6250.00	0.00	0.00	5911.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
6350.00	0.00	0.00	6011.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
6450.00	0.00	0.00	6111.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
6550.00	0.00	0.00	6211.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
6650.00	0.00	0.00	6311.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
6750.00	0.00	0.00	6411.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
6850.00	0.00	0.00	6511.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
6940.08	0.00	0.00	6602.00	1184.98	-1230.00	1707.94	0.00	0.00	0.00	DARK CANYON
6950.00	0.00	0.00	6611.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
7050.00	0.00	0.00	6711.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
7150.00	0.00	0.00	6811.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
7180.08	0.00	0.00	6842.00	1184.98	-1230.00	1707.94	0.00	0.00	0.00	PRICE RIVER
7250.00	0.00	0.00	6911.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
7350.00	0.00	0.00	7011.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
7450.00	0.00	0.00	7111.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
7550.00	0.00	0.00	7211.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
7650.00	0.00	0.00	7311.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
7750.00	0.00	0.00	7411.92	1184.98	-1230.00	1707.94	0.00	0.00	0.00	
7818.08	0.00	0.00	7480.00	1184.98	-1230.00	1707.94	0.00	0.00	0.00	PBHL_7-1 7 D

Annotation

MD ft	TVD ft		
250.00 650.00	250.00 648.70	NUDGE HOLD	
	1060.00	KOP	
	1599.97 4283.07	HOLD DROP	
	5250.00	HOLD	
7818.08	7480.00	PBHL	

Targets

Name Descripti Dip.	on TVD Dir. A	+N/4S	+E/-W	Map Map Northing Easting R ft	< Latitude> Deg Min \Sec	<— Longitude → Deg Min Sec
PBHL_7-17D -Circle (Radius: 200) -Plan hit target	7480.00	1184.98	-1230.00	7089382.681989347.79	39 46 31.756 N	110 15 30.412 W

BILL BARRETT GORP CARBON COUNTY, UTAH PRIGKLY PEAR #8-17-12-15 PAD PRICKLY PEAR UF #7-17D-12-15 Company: Bl
Field: C.
Reference Site: Pl
Reference Well: Pl
Reference Wellpath; 1

Date: 7/20/2007 Time: 41:17:15

Db: Sybase

Co-ordinate(NE) Reference: Vertical (IVD) Reference:

Well-PRICKLY PEAR UF #7-17D-12-15 " SITE 7433.8

NO GLOBAL SCAN: Using user defined selection & scan criteria

Interpolation Method: MD 0.00 to Depth Range: Maximum Radius: 10000.00 ft

Interval: 100.00 ft 7818.08 ft

Reference: Error Model: Scan Method: Plan: Plan #1 ISCWSA Ellipse Closest Approach 3D

Ellipse Error Surface:

Plan: Plan #1

Date Composed:

7/20/2007

Version: Tied-to:

From Surface

Principal:

Summary					on the State of th	CONTRACTOR OF THE PROPERTY OF
	Reference	AM	Ou Ou	Tales .	Separation	人名英格兰人姓氏 化对抗性 经营业的
CONTROL Wellpath	Reference	Dilber				
Site Well Wellpath	· MD ·	MD	Distance	Distanc	e Factor	Warning
Site Well Wellpath			化大量 的复数化的 经产品			
	Ħ	fi	1	π.		
	The State of		and the second		200 C. C. S. S. S. S. S. S.	
THE PARTY OF A PERIOD OF A PARTY	600.00	600.69	44.09	41.54	17.32	i
PRICKLY PEAR #9-1PRICKLY PEAR UF #11-470 Plan: Plan #1 V1	000.00	60.00	44.09	41.04		
PRICKLY PEAR #9-19-RICKLY PEAR UF #11040 Plan: Plan #1 V1	200.00	200.00	16.10	15.78	50.78	
PRICKLY PEAR #9-19-MICKLY PEAR OF #10-0 Flatt. Flatt #1 VI	200.00	200.00	10.10	10.70	00.10	

Site: Well: PRICKLY PEAR #9-17-12-15 PAD PRICKLY PEAR UF #1-17D-12-15

Wellnath: 1 V0 Plan: Plan #1 V1

Inter-Site Error:

0.00

ft

ellpath:	1 VU Plan	Plan #1 V	I						Inter-Site		0.00	R .
Reference Offset			lajor Axis		Offset L				Separation			
MD	TVD	MD	TVD	Ref		TFO-HS		East	Distance		Factor	Warning
ft	ft	ft	ft	ft	ft	deg	ft	ft	.ft	ft		
0.00	0.00	0.00	0.00	0.00	0.00	119.60	-15.91	28.00	32.20			No Data
100.00	100.00	100.00	100.00	0.09		119.60	-15.91	28.00	32.20	32.02	174.73	
200.00	200.00	200.00	200.00	0.32		119.60	-15.91	28.00	32.20	31.57	50.81	
300.00	300.00	300.50	300.48	0.54		163.08	-14.15	28.04	31.83	30.74	29.31	
400.00	399.93	400.86	400.70	0.77		156.59	-8.87	28.16	33.09	31.55	21.45	
700.00	333.30	100.00	100.10	· · · ·	ŲU							
500.00	499.68	500.96	500.41	1.01	1.03	148.00	-0.12	28.35	37.01	34.99	18.31	
600.00	599.13	600.69	599.38	1.27		139.47	12.06	28.62	44.09	41.54	17.32	
700.00	698.21	700.08	697.81	1.57		133.92	25.89	28.93	54.05	50.93	17.3 3	
800.00	797.24	799.45	796.21	1.88		130.47	39.72	29.23	64.62	60.91	17.38	
900.00	896.27	898.83	894.62	2.21		127.99	53.54	29.54	75.37	71.04	17.40	
300.00	000.E1	000.00										
1000.00	995.30	998.20	993.03	2.53	2.57	126.13	67.37	29.85	86.22	81.26	17.40	
1100.00	1094.28	1097.22	1091.05	2.87		124.59	81.40	30.16	97.37	91.78	17.42	
1200.00	1192.58	1194.95	1187.16	3.25		122.91	99.05	30.55	111.73	105.43	17.73	
1300.00	1289.79	1291.70	1281.29	3.70		121.24	121.34	31.04	130.13	123.00	18.25	
1400.00	1385.64	1387.26	1373.05	4.24		119.66	148.01	31.64	152.50		18.85	
1700.00	1000.04	1001.20	.0.0.00						· · · · ·			
1500.00	1479.87	1481.46	1462.07	4.86	4.74	118.20	178.75	32.32	178.72	169.53	19.45	
1600.00	1572.22	1574.13	1548.07	5.57		116.85	213.24	33.09	208.68	198.24	19.98	
1700.00	1662.99	1665.30	1630.95	6.37		115.99	251.20	33.93	241.70	229.88	20.44	
1800.00	1753.65	1755.15	1710.76	7.19		114.71	292.45	34.85	276.25		20.80	
1900.00	1844.31	1846.54	1790.31	8.03		113.04	337.42	35.85	312.12		21.05	
1500.00	.077.01	1070.04	.,00.01	0.00						-		
2000.00	1934.98	1939.47	1871.05	8.87	8.39	111.65	383.41	36.87	348.28		21.22	
2100.00	2025.64	2032.40	1951.80	9.72		110.52	429.40	37.89	384.59	366.59	21.36	
2200.00	2116.31	2125.33	2032.55	10.57		109.58	475.38	38.91	421.01	401.41	21.48	
2300.00	2206.97	2218.26	2113.29	11.43		108.79	521.37	39.94	457.51	436.30	21.57	
2400.00	2297.63	2311.19	2194.04	12.29		108.12	567.36	40.96	494.08	471.26	21.65	
00.00		_0										
2500.00	2388.30	2404.12	2274.79	13.16		107.54	613.35	41.98		506.26	21.72	
2600.00	2478.96	2497.05	2355.53	14.02		107.03	659.33	43.00		541.30	21.78	
2700.00	2569.63	2589.97	2436.28	14.89		106.59	705.32	44.03		576.38	21.83	
2800.00	2660.29	2682.90	2517.03	15.76	15.23	106.19	751.31	45.05		611.47	21.88	
2900.00	2750.95	2775.83	2597.77	16.63		105.84	797.30	46.07	677.51	646.59	21.92	
	2											
3000.00	2841.62	2868.76	2678.52	17.50		105.53	843.28	47.09		681.73	21.95	
3100.00	2932.28	2961.69	2759.27	18.37		105.24	889.27	48.12		716.89	21.99	
3200.00	3022.95	3054.62	2840.01	19.24	18.70	104.99	935.26	49.14		752.05	22.01	
3300.00	3113.61	3147.55	2920.76	20.12	19.57	104.75	981.24	50.16		787.23	22.04	
3400.00	3204.27	3240.48	3001.51	20.99	20.44	104.54	1027.23	51.19	861.47	822.42	22.07	
3500.00	3294.94	3333.41	3082.25	21.87	21.32	104.34	1073.22	52.21	898.29	857.62	22.09	

Company: BILL BARRETT CORP Date: 7/20/2007 Time: 11:17:15 Page: 2
Field: CARBON COUNTY, UTAH
Reference Site: PRIGKLY PEAR UF-#7-17D-12-15
Reference Well: PRIGKLY PEAR UF-#7-17D-12-15
Vertical (TVD) Reference: SITE 7433.8
Db: Sybase

Site: PRICKLY PEAR #9-17-12-15 PAD Well: PRICKLY PEAR UF #1-17D-12-15

Welloath: 1 VO Plan: Plan #1 V1 Inter-Site Error: 0.00 ft

Wellpath:	1 VU Plan	: Plan #1 V	1						Inter-Site Error:	0.00	n ·
Refer	ence	Of	fset 🕒	Semi-M	ajor Axis		Offset I	ocation	Ctr-Ctr Edge		
MD	TVD	MD	TYD		Offset	TFO-H	S North	East	Distance Distance	e Factor	Warning
ft.	: At	11	n.	ft.	n.	deg	ıπ	a t	n n		
3600.00	3385.60	3426.34	3163.00	22.74	22 19	104 16	1119.21	53.23	935.13 892.83	22.11	
3700.00	3476.27	3519.27	3243.74	23.62			1165.19	54.25	971.97 928.04	22.13	
3800.00	3566.93	3612.20	3324.49	24.49			1211.18	55.28	1008.82 963.26	22.14	
3900.00	3657.59	3705.13	3405.24	25.37			1257.17	56.30	1045.68 998.49	22.16	
3900.00	3031.33	3703.13	0400.24	20.01	24.00	100.00	1207.17	00.00	1010.00		
4000.00	3748.26	3798.06	3485.98	26.25	25 68	103 56	1303.16	57.32	1082.54 1033.72	22.17	
4100.00	3838.92	3890.99	3566.73	27.12			1349.14	58.34	1119.40 1068.95	22.19	
4200.00	3929.59	3983.92	3647.48	28.00			1395.13	59.37	1156.27 1104.19	22.20	
4300.00	4020.25	4076.85	3728.22	28.88			1441.12	60.39	1193.15 1139.43	22.21	
			3808.97	29.75			1487.11	61.41	1230.02 1174.68	22.23	
4400.00	4110.91	4169.77	3000.91	29.15	29.17	100.10	1407.11	01.71	1200.02 1174.00	ZZ.EO	
4500.00	4201.58	4262.70	3889.72	30.63	30.04	103.00	1533.09	62.43	1266.90 1209.93	22.24	
4600.00	4292.25	4355.63	3970.46	31.50			1579.08	63.46	1303.78 1245.19	22.25	
				32.18			1625.13	64.48	1340.12 1280.20	22.36	
4700.00	4383.98	4448.69	4051.32					65.50	1375.51 1314.35	22.49	
4800.00	4477.36	4541.82	4132.24	32.79			1671.22			22.43	
4900.00	4572.22	463 4. 8 5	4213.08	33.32	33.54	104.64	1717.25	66.53	1409.99 1347.67	22.03	
	4000.00	4707.04	4000 07	00.70	24.42	404.01	1769 16	67.55	1443.57 1380.19	22.78	
5000.00	4668.36	4727.61	4293.67	33.79			1763.16			22.76	
5100.00	4765.61	4819.91	4373.87	34.20			1808.83	68.56	1476.34 1412.00		
5200.00	4863.78	4911.58	4453.53	34.53			1854.20	69.57	1508.38 1443.17	23.13	
5300.00	4962.68	5002.45	4532.48	34.80			1899.17	70.57	1539.80 1473.84	23.34	
5400.00	5062.14	5092.34	4610.59	35.00	37.85	104.13	1943.65	71.56	1570.75 1504.13	23.58	
				05.45	00.00	400.00	4007.57	70.54	4004 00 4504 04	22.04	
5500.00	5161.95	5181.09	4687.70	35.15			1987.57	72.54	1601.36 1534.21	23.84	
5600.00	5261.92	5268.53	4763.68	35.23	39.51		2030.84	73.50	1631.82 1564.23	24.14	
5700.00	5361.92	5355.42	4839.18	35.30	40.33		2073.84	74.46	1662.81 1594.76	24.43	
5800.00	5461.92	5442.31	4914.68	35.37	41.15		2116.83	75.41	1694.68 1626.19	24.75	
5900.00	5561.92	5529.20	4990.18	35.44	41.96	53.27	2159.83	76.37	1727.38 1658.48	25.07	
					40.70	50.00	0000 00	77.00	4700 00 4004 50	05.40	
6000.00	5661.92	5616.21	5065.78	35.52	42.78		2202.89	77.33	1760.86 1691.58		
6100.00	5761.92	5807.67	5235.91	35.60	44.18		2290.57	79.28	1792.54 1722.32		
6200.00	5861.92	6015.16	5427.84	35.67	45.38		2369.20	81.02	1819.23 1748.24		
6300.00	5961.92	6236.98	5639.98	35.75	46.41		2433.70	82.46	1839.97 1768.38		
6400.00	6061.92	6470.14	5868.58	35.83	47.18	45.43	2479.07	83.47	1853.98 1781.99	25.75	
6500.00	6161.92	6710.41	6107.71	35.91	47.64		2501.30	83.96	1860.68 1788.52		
6600.00	6261.92	6864.65	6261.92	35.99	47.76		2503.16	84.00	1861.24 1788.41		
6700.00	6361.92	6964.65	6361.92	36.08	47.81	44.91	2503.16	84.00	1861.24 1788.25	25.50	
6800.00	6461.92	7064.65	6461.92	36.16	47.87	44.91	2503.16	84.00	1861.24 1788.09	25.45	
6900.00	6561.92	7164.65	6561.92	36.25	47.93	44.91	2503.16	84.00	1861.24 1787.93	25.39	
7000.00	6661.92	7264.65	6661.92	36.33	47.99		2503.16	84.00	1861.24 1787.77		
7100.00	6761.92	7364.65	6761.92	36.42	48.05		2503.16	84.00	1861.24 1787.60		
7200.00	6861.92	7464.65	6861.92	36.51	48.11	44.91	2503.16	84.00	1861.24 1787.43		
7300.00	6961.92	7564.65	6961.92	36.60	48.18	44.91	2503.16	84.00	1861.24 1787.26		
7400.00	7061.92	7664.65	7061.92	36.69	48.24		2503.16	84.00	1861.24 1787.08	25.10	
7500.00	7161.92	7764.65	7161.92	36.79	48.30	44.91	2503.16	84.00	1861.24 1786.91		
7600.00	7261.92	7864.65	7261.92	36.88	48.37	44.91	2503.16	84.00	1861.24 1786.73	24.98	
7700.00	7361.92	7964.65	7361.92	36.97	48.44		2503.16	84.00	1861.24 1786.54		
7800.00	7461.92		7461.92	37.07	48.50		2503.16	84.00	1861.24 1786.36		
7818.08	7480.00		7480.00	37.09	48.52		2503.16	84.00	1861.24 1786.33	24.85	

Site: PRICKLY PEAR #9-17-12-15 PAD Well: PRICKLY PEAR UF #10-17D-12-15

Wellpath: 1 V0 Plan: Plan #1 V1 Inter-Site Error: 0.00 ft

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Company: Bill BARRETT CORP Date: 7/20/2007 Time: 11/17:15 Page: 3
Field: CARBON COUNTY, UTAH
Reference Site: PRICKLY PEAR #9-17-12-15 PAD Co-ordinate(NE)/Reference: Well: PRICKLY PEAR UF #7-17D-12-15
Reference Well: PRICKLY PEAR UF #7-17D-12-15
Reference Wellpath: 1

Db: Sybase

Site: PRICKLY PEAR #9-17-12-15 PAD
Well: PRICKLY PEAR UF #10-17D-12-15
Wellbath: 1/0 Plan: Plan #1 V1

The second second		Plan #1 V1								e Error:	0.00	ft
Refere	ence	Off	set		ajor Axis		Offset I	ocation	Ctr-Ctr	Edge !	Separation	A CONTRACTOR
MD	TYD	MD	TVD	Ref		TFO-HS	North	East	Distance	Distance	Factor	. Warning
n.	n n	Ħ	, At	ft:	Ħ	deg	Contract Property	ft :	ft	e all perg	100	
0.00	0.00	0.00	0.00	0.00		119.60	-7.95	14.00	16.10	10.01	474.05	No Data
100.00	100.00	100.00	100.00	0.09		119.60	-7.95	14.00	16.10		174.35	
200.00	200.00	200.00	200.00	0.32		119.60 166.05	-7.95 -7.95	14.00 14.00	16.10 16.53	15.78 15.98	50.78 30.48	
300.00 400.00	300.00 399.93	300.00 399.93	300.00 399.93	0.54 0.77	0.00	168.45	-7.95 -7.95	14.00	19.93	19.16	25.92	
400.00	388.83	388.83	355.53	0.77	0.00	100.43	-1.33	14.00	13.33	13.10	20.02	
500.00	499.68	499.68	499.68	1.01	0.00	171.42	-7.95	14.00	26.80	25.80	26.88	
600.00	599.13	599.13	599.13	1.27	0.00	173.80	-7.95	14.00	37.17	35.94	30.31	
700.00	698.21	698.21	698.21	1.57		175.44	-7.95	14.00	50.60	49.14	34.66	
800.00	797.24	797.24	797.24	1.88		176.42	-7.95	14.00	64.48	62.78	37.99	
900.00	896.27	896.27	896.27	2.21	0.00	177.06	-7.95	14.00	78.38	76.44	40.47	
1000.00	995.30	995.30	995.30	2.53	0.00	177.50	-7.95	14.00	92.28	90.10	42.37	
1000.00 1100.00	1094.28	1095.40	1095.40	2.53		177.94	-7.93 -7.98	13.73	106.31		43.97	
	1192.58	1197.53	1197.45	3.25	0.00	179.58	-8.30	9.89	122.09		45.90	
	1289.79	1299.46	1299.03	3.70		182.25	-9.01	1.55	140.29		48.19	
	1385.64	1400.99	1399.74	4.24		185.50	-10.09	-11.22	161.22		50.70	
				- -								
1500.00	1479.87	1501.92	1499.19	4.86		188.98	-11.54	-28.32	185.18		53.2 3	
	1572.22	1602.05	1597.01	5.57		192.50	-13.34	-49.58	212.40		55.52	
	1662.99	1701.55	1693.20	6.37		195.82	-15.49	-74.89	241.88		56.74	
	1753.65	1801.13	1788.28	7.19		199.20		-104.37	270.40		56.56	
1900.00	1844.31	1900.49	1881.78	8.03	0.00	202.70	-20.83	-137.85	2 9 8.11	292.74	55.46	
2000.00	1934.98	1999.26	1973.18	8.87	0.00	206.30	-23 98	-175.11	325.39	319 33	53.77	
	2025.64	2095.68	2060.91	9.72		209.88		-214.97	352.71		51.84	
	2116.31	2189.61	2146.06	10.57		212.99		-254.48	380.98		50.20	
	2206.97	2283.53	2231.21	11.43		215.67		-293.99	410.18		48.85	
	2297.63	2377.46	2316.36	12.29	0.00	218.01	-37.41	-333.49	440.11	430.89	47.75	
	2388.30	2471.39	2401.50	13.16		220.05		-373.00	470.65		46.84	
	2478.96	2565.31	2486.65	14.02		221.85		-412.51	501.67		46.10	
	2569.63	2659.24	2571.80	14.89		223.44		-452.02 -491.53		521.37 552.30	45.48 44.96	
	2660.29 2750.95	2753.17 2847.09	2656.94 2742.09	15.76 16.63		224.86 226.13		-531.04		583.50	44.52	
2900.00	2750.95	2047.09	2142.09	10.03	0.00	220.13	-54.15	-001.04	390.91	303.30	77.02	
3000.00	2841.62	2941.02	2827.24	17.50	0.00	227.27	-57.50	-570.55	629.19	614.94	44.15	
	2932.28	3034.95	2912.39	18.37		228.30		-610.06	661.69	646.59	43.83	
	3022.95	3128.87	2997.53	19.24	0.00	229.23		-649.56		678.41	43.56	
3300.00	3113.61	3222.80	3082.68	20.12		230.09		-689 .07		710.39	43.33	
3400.00	3204.27	3316.73	3167.83	20.99	0.00	230.86	-70.89	-728.58	760.12	742.50	43.13	
	000/0/	0446.55	0050.05	04.07	.0.00	004.50	74.04	700.00	700.40	774 70	40.05	
	3294.94	3410.65	3252.98	21.87		231.58		-768.09		774.72	42.95	
	3385.60	3504.58	3338.12	22.74		232.24		-807.60 -847.11		807.05 839.47	42.79 42.66	
	3476.27 3566.93	3598.50 3692.43	3423.27 3508.42	23.62 24.49		232.84 233.41		-847.11 -886.62		871.97	42.53	
	3657.59			25.37		233.41		-926.13		904.54	42.43	
5500.00	3001.00	3,00.00	3555.50	20.01	0.00	_55.50	5,.00	-20.10	3_0.00		0	
4000.00	3748.26	3881.37	3679.72	26.25	0.00	234.42	-91.02	-966.03	959.84	937.17	42.33	
	3838.92	3981.53	3771.51	27.12		234.75	-94.40	-1005.98		969.48	42.27	
4200.00	3929.59	4082.38	3865.28	28.00		234.87		-1042.94	1025.53		42.26	
4300.00	4020.25	4183.67	3960.72	28.88		234.77			1057.50		42.30	
4400.00	4110.91	4285.15	4057.47	29.75	0.00	234.48	-102.98	-1107.19	1088.88	1063.20	42.39	
4500.00	4201.58	4386.56	4155.19	30.63	ስ ስሳ	234.03	-105 27	-1134 20	1119.73	1093 40	42.52	
	4201.58	4487.65	4253.50	31.50		233.35			1150.09		42.73	
4700.00	4383.98	4588.99	4352.81	32.18		232.11			1178.55		43.36	
4800.00	4477.36	4690.95	4453.39	32.79		230.98			1204.05		43.95	
4900.00	4572.22	4793.42	4555.00	33.32		229.95			1226.53		44.50	
	4668.36			33.79				-1216.98	1245.93	404005	45.02	

Company: BILL BARRETT CORP Date: 7/20/2007 Time: 11:17:15 Page: 4

Field: CARBON COUNTY, UTAH
Reference Site: PRICKLY PEAR #9-17:12:15 PAD Co-ordinate(NE) Reference: Well: PRICKLY PEAR UF #7-17D-12:15

Reference Well: PRICKLY PEAR UF #7-17D-12:15 Vertical (TVD) Reference: SITE 7433:8

Reference Wellpath: 1

Db: Sybase

Site: PRICKLY PEAR #9-17-12-15 PAD
Well: PRICKLY PEAR UF #10-17D-12-15
Wallasth: 1 V/0 Plan: Plan #1 V/1

Wellnath: 1 VO Plan: Plan #1 V1 Inter-Site Error: 0.00 f

ence	Of	set	Semi-Ma	ajor Axis	1.0	Offset Location	Ctr-Ctr Edge 6		
TVD	MD	TVD						Factor	Warning
fi	Ħ	· ft,	Tf .	- ît	deg	ft	n n		
4765.61	4999.31	4760.28	34.20	0.00	228.13	-112.78 -1222.83	1262.21 1234.47	45.50	
4863.78	5102.46	4863.40	34.53				1275.34 1247.58		
4962.68	5201.75	4962.68	34.80						
5062.14	5301.20	5062.14	35.00	0.00	226.19	-112.97 -1225.00	1292.59 1264.86	46.60	
5161 95	5401 01	5161.95	35.15	0.00	225.92	-112.97 -1225.00	1296.78 1269.05	46.77	
							1297.95 1270.21	46.79	
							1297.95 1270.13	46.64	
				0.00	179.78	-112.97 -1225.00	1297.95 1270.03	46.49	
5561.92	5800.99	5561.92	35.44	0.00	179.78	-112.97 -1225.00	1297.95 1269.94	46.34	
5661 92	5900 99	5661.92	35 52	0.00	179.78	-112.97 -1225.00	1297.95 1269.85	46.18	
								46.03	
							1297.95 1269.66	45.87	
							1297.95 1269.56	45.71	
6061.92	6300.99	6061.92	35.83				1297.95 1269.46	45.5 5	
6161 02	6400 99	6161 92	35 91	0.00	179 78	-112 97 -1225 00	1297.95 1269.36	45.39	
							1297.95 1269.25	45.23	
							1297.95 1269.15	45.0 6	
								44.90	
6561.92	6800.99	6561.92	36.25				1297.95 1268.94	44.73	
6661.00	6000.00	6661 02	36 33	0.00	170 78	-112 97 -1225 00	1297 95 1268 83	44.57	
7061.92	7300.99	7061.92	36.69				1297.95 1268.38	43.90	
7161 02	7400 00	7161 92	36.70	0.00	179 78	-112 97 -1225 00	1297.95 1268.27	43.73	
								43.56	
								43.39	
							1297.95 1267.92	43.21	
							1297.95 1267.90	43.18	
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SURFACE USE PLAN

BILL BARRETT CORPORATION Prickly Pear Unit Federal #7-17D-12-15

NESE, 2089' FSL, 743' FEL, Sec. 17-T12S-R15E (Surface Hole) SWNE, 1982' FNL, 1973' FEL, Sec. 17, T12S-R15E (Bottom Hole) Carbon County, Utah

The original onsite for this pad location was conducted on 10/26/2006 with a subsequent onsite held on 7/23/2007 due to the addition of two directional wells to the pad.

This directional well is the fifth of five wells to be drilled from this pad (one vertical, four directional wells).

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:

- a. The proposed well site is located approximately 45 miles from Myton, Utah. Maps reflecting directions to the proposed well site are included (see Topographic maps A and B).
- b. The use of roads under State and County Road Department maintenance is necessary to access the Prickly Pear Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County road systems are proposed at this time.
- c. All existing roads will be maintained and kept in good repair during all phases of operation.
- d. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- e. Since no improvements are anticipated to the State, County or BLM access roads, no topsoil stripping will occur.
- f. An off-lease federal right-of-way for the access road and utility corridor is not anticipated at this time since existing roads are being utilized into the Prickly Pear Unit area. All new construction will be within the Unit.

2. Planned Access Road:

- a. From Prickly Pear road, a 0.2 mile road exists that runs to the existing Prickly Pear 15-17-12-15 pad. From the point where that existing access ends, a new access of approximately 0.35 miles (approximately 1848') is proposed (see Topographic map B). A road design plan is not anticipated at this time.
- b. The new access road will consist of an 18' travel surface within a 32' temporary disturbance area. The proposed access has been placed to minimize impact to the environment and natural drainage of the area.
- c. BLM approval to construct this new access road is requested with this application.

- d. A maximum grade of 10% will be maintained throughout the project with minimum cuts and fills, as necessary, to access the well.
- e. The access road will be constructed using standard equipment and techniques. Bulldozers and/or road graders would first clear vegetation and topsoil from the ROW. These materials may be windrowed for future redistribution during the reclamation process. The surface would be crowned to facilitate drainage to a borrow ditch on each side of the road designed to minimize erosion potential. Following completion of the wells on this pad, graveling or capping the roadbed may be performed as necessary to provide a well constructed, safe road.
- f. Following completion of all wells on the pad, the road will be reduced to an 18-foot wide running surface and reclaimed according to the specifications of the appropriate agency or private land owner.
- g. A turnout is not proposed.
- h. 18" diameter culverts will be installed as necessary. Adequate drainage structures, where necessary, will be incorporated into the remainder of the road.
- No surfacing material will come from Indian lands or off-lease Federal lands. BBC requests that any excess rock from construction of the pad be used for surfacing of the access road, if necessary. Any additional materials needs may come from either existing SITLA Materials Permits (334, 385, 396) or from federal wells within the Prickly Pear unit.
- j. No gates or cattle guards are anticipated at this time.
- k. Surface disturbance and vehicular travel will be limited to the approved location access road. Adequate signs will be posted, as necessary, to warn the public of project related traffic.
- All access roads and surface disturbing activities will conform to the appropriate standard, no higher than necessary, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: <u>Surface</u> <u>Operating Standards for Oil and Gas Exploration and Development, Fourth Edition</u> – 2006.
- m. The operator will be responsible for all maintenance of the access road including drainage structures. It is BBC's intent to maintain the newly constructed access road to this wellsite.

3. Location of Existing Wells:

a. Following is a list of wells with surface hole locations within a one-mile radius of the proposed well:

i.	water wells	none
ii.	injection wells	none
iii.	disposal wells	none
iv.	drilling wells	none

v. temp shut-in wells

none

vi. producing wells vii. abandoned wells

twelve none

- b. Topographic Map C may not include all wells noted in a. above if new wells have been drilled since the date of the plat. An additional map has been included indicating current locations.
- 4. Location of Production Facilities (see enclosed "proposed facility layout plats"):
 - a. Some permanent structures/facilities will be shared between this proposed well and the additional wells to be drilled from this pad. Each well will have its own meter run and separator. Pending the evaluation of completion operations, additional water and/or oil tanks may be added if necessary.
 - a. All permanent above-ground structures will be painted a flat, non-reflective Olive Black to match the standard environmental colors. All facilities will be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
 - b. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
 - c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3. Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application. Use of a flow conditioner is also being requested (versus straightening vanes).
 - d. A tank battery(s) will be constructed on this lease; it will be surrounded by a berm sufficient to contain the storage capacity of 1.5 times the single largest tank inside the berm. All loading lines and valves will be placed inside the berm surrounding the tank battery or will have a secondary containment vessel. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. BBC requests permission to install the necessary production/operation facilities with this application.
 - e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
 - f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic as practicable. The roads will be maintained in a safe, useable condition.
 - g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
 - h. A gas pipeline (approximately 1850' of up to 10" pipe) is associated with this application and is being applied for at this time. The proposed gas pipeline will leave the west end of the well pad, traveling south and tie in to an existing surface-laid 6" pipeline at the Prickly Pear 15-17 well pad.

- i. The proposed steel gas pipeline will be buried, where soil conditions permit, within a 20' utility corridor immediately adjacent to the 32' disturbed area for the new access road road (see Topographic Map D).
- j. As referred to in I. above, the line will not be buried in areas with bedrock at or near surface that would require blasting to loosen rock before excavation for burial of the pipeline. A table of the actual pipeline corridor width required is noted below for the different scenarios. BBC is requesting a 20' utility corridor but actual disturbance will be based on the applicable scenario.

Surface-Laid:	20' utility corridor + 32' road corridor = 52' TOTAL
	Estimated disturbance for utility to be minimal, if any, within the 20'
	requested. Total disturbance would be 32'.
Buried:	20' utility corridor + 32' road corridor = 52' TOTAL
	Estimated disturbance for utility to include all 20' requested. Total
	disturbance would be 52'.

- k. The determination to bury or surface lay the pipeline will be made by the Authorized Officer at the time of construction.
- 1. BBC intends on stringing the pipeline on the surface, welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. The welded joints will either remain on the surface or will be placed within the trench, depending on the scenario. BBC intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. Bill Barrett Corporation will use water consistent with approvals granted by the Utah State Engineer's Office under Application Number 90-1846 (T76109) which expires March 27, 2008 or an existing water well in Sec. 13, T12S-R14E granted by the Utah State Engineer's Office under Application Number 90-1844 (T75896) which expires September 5, 2007.
- b. Water use for this location will most likely be diverted from Nine Mile Creek, the N¼ of Section 3, T12S-R14E. Bobtail trucks would haul the water, traveling Prickly Pear road to Harmon Canyon, traveling north to this point of diversion.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from BLM.
- c. If any additional gravel is required, it will be obtained from a SITLA materials permits or will be taken from federal BBC locations within the Prickly Pear unit.

7. Methods of Handling Waste Disposal:

a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.

- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location along the south side of the pad.
- d. The reserve pit will be constructed so as not to leak, break or allow any discharge.
- e. If necessary, the reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt-liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be anchored with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operations.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of annually in association with the drilling, testing or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities will be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the well.
- h. Trash will be contained in a trash cage or roll-off container and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Carbon or Uintah County Landfill.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up and based on volumes, BBC will install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. Thereafter, produced water will be used in further drilling and completion activities, evaporated in the pit, or hauled to R & I Disposal, a State approved disposal facility.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Price or Vernal Wastewater Treatment Facility in accordance with state and county regulations.

- m. Any liquid hydrocarbons produced during completion work will be contained in test tanks on the well location. The tanks will be removed from location at a later date.
- n. A flare pit may be constructed a minimum of 110' from the wellhead and may be used during completion work. In the event a flare pit proves to be unworkable in this situation, a flare stack will be installed. BBC will flow back as much fluid and gas as possible into pressurized vessels, separating the fluid from the gas. The fluid will then be either returned to the reserve pit or placed into a tank. Gas will be then directed into the flare pit or the flare stack and a constant source of ignition will be on site. This should eliminate any fires in and around the reserve pit. Natural gas will be directed to the pipeline as soon as pipeline gas quality standards are met. By eliminating condensate on the reserve pit and discharge of gas within the reserve pit, potential for damage to the pit liner will be minimized.
- o. Any hydrocarbons floating on the surface of the reserve pit will be removed as soon as possible after drilling and completion operations are finished.
- p. If hydrocarbons are present on the reserve pit and are not removed shortly after drilling or completion operations cease, the reserve pit will be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

8. Ancillary Facilities:

a. Garbage containers and portable toilets are the only ancillary facilities proposed in this application

9. Well Site Layout:

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. The rig layout and cross section diagrams are enclosed (see Location Layout and Cross Section Plats).
- c. The pad and road designs are consistent with BLM specifications.
- d. The pad has been staked at 435' x 175' with a reserve pit size of 190' x 100'. BBC requests, if needed, that and additional 32' be added on the laydown side of the pad.
- e. All surface disturbing activities will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- f. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- g. Diversion ditches will be constructed, if necessary, around the well site to prevent surface waters from entering the well site area.
- h. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- i. Pits will remain fenced until site cleanup.

- j. If air drilling occurs, the blooie line will be located at least 100 feet from the well head and will run from the wellhead directly to the pit.
- k. Water application may be implemented if necessary to minimize the amount of fugitive dust.

10. Plan for Restoration of the Surface:

- a. Site reclamation for a producing well(s) will be accomplished for portions of the site not required for the continued operation of the well(s) on this pad.
- b. The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. The reserve pit will be allowed to dry prior to the commencement of backfilling work. No attempts will be made to backfill the reserve pit until the pit is free of standing water. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. Rat and mouse holes will be filled and compacted from bottom to top immediately upon release of the drilling rig from location.
- d. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. Areas not used for production purposes will be backfilled and blended into the surrounding terrain, reseeded and erosion control measures installed. Erosion control measures will be adhered to after slope reduction. Mulching, erosion control measures and fertilization may be required to achieve acceptable stabilization. Back slopes and fore slopes will be reduced as practical and scarified with the contour. The reserved topsoil will be evenly distributed over the slopes and scarified along the contour. Slopes will be seeded with the BLM specified seed mix. Reclamation operations for the well pad are expected to require one week and will begin when the fluids in the reserve pit have evaporated. Seeding will take place either during the fall (prior to ground frost) or spring (after frost leaves the ground) months. Restoration of un-needed portions of the pad will commence as soon as practical after the installation of production facilities.
- e. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top-soiled and revegetated. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents. Topsoil salvaged from the drill site and stored for more than one year will be placed at the location indicated on the well site layout drawing and graded to a depth optimum to maintain topsoil viability, seeded with the BLM prescribed seed mixture and covered with mulch for protection from wind and water erosion and to discourage the invasion of weeds.

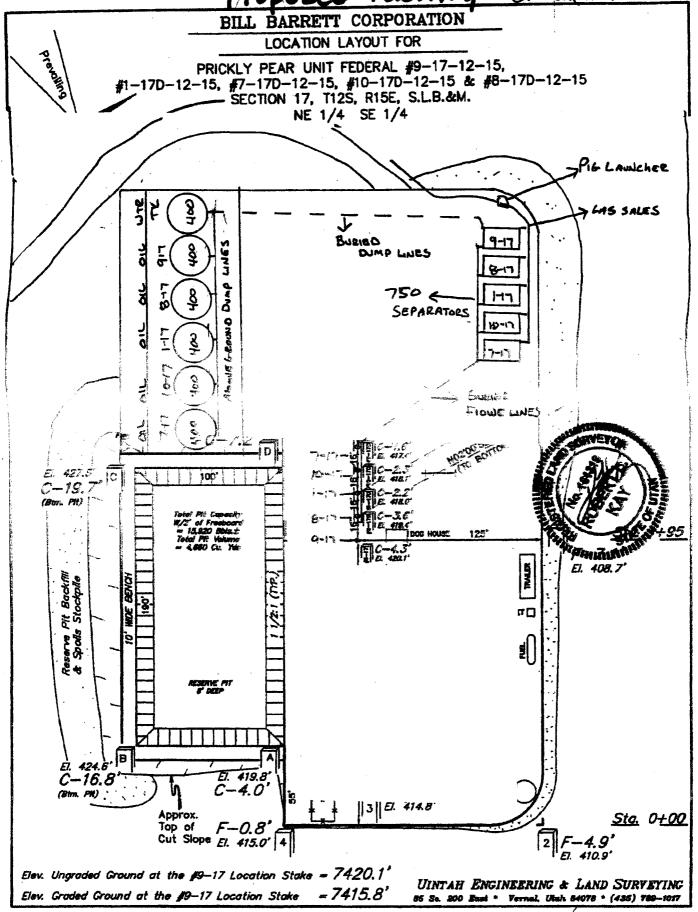
> f. Salvaged topsoil from the road (if any) and the drill site will be evenly re-spread over cut and fill surfaces not actively used during the production phase. Upon final reclamation at the end of the project life, topsoil spread on these surfaces will be used for the overall reclamation effort.

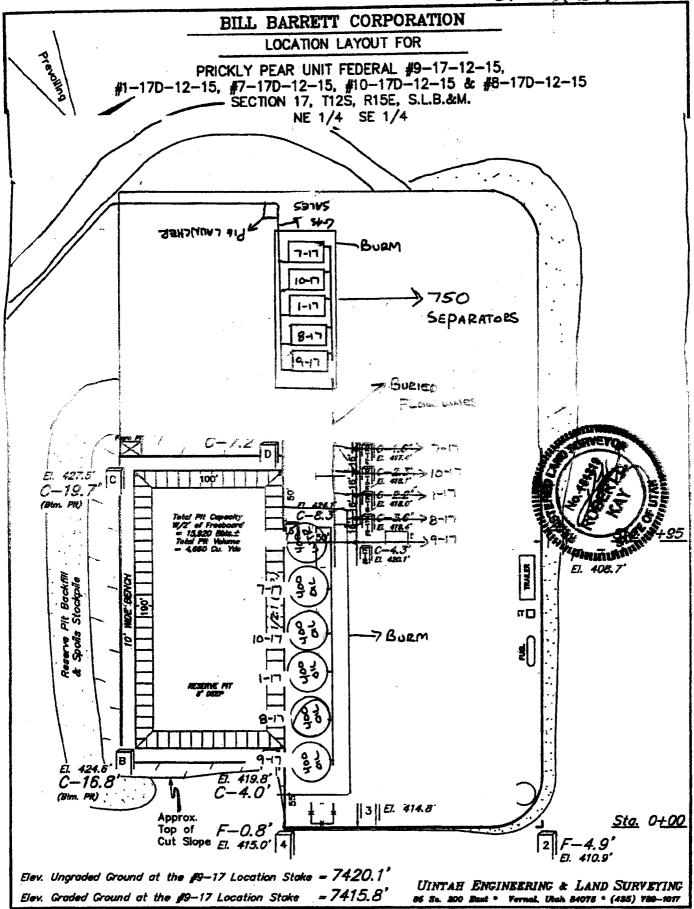
11. Surface and Mineral Ownership:

- a. Surface ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
- b. Mineral ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.

12. Other Information:

- a. Montgomery Archaeological Consultants has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery as MOAC Report No. 06-571, dated November 30, 2006.
- b. BBC will identify areas in our drilling program where fluids escaping the wellbore and exiting onto a hillside might occur. In those cases, BBC will be ready with cement and/or fluid loss compounds (types of lost circulation fluids) to heal up vags and cracks. Upon individual evaluation of the proposed well sites, BBC may air drill the hole to surface easing depth if necessary.
- c. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24" to 48" wide and is approximately 10' tall. Combustor placement would be on existing disturbance and would not be closer than 100' to any tank or wellhead.





OPERATOR CERTIFICATION

Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

Executed this	25	day of	July	2007
Name:	Tracey Fa	illang	1	<u>-</u>
Position Title:	Regulator	y Analyst		
Address:	1099 18 th	Street, Suite	2300, Denve	r, CO 80202
Telephone:	303-312-	8134		
Field Representati	ive	Fred Goodri	ch	
Address:	***	1820 W. Hw	y 40, Roosev	elt, UT 84066
Telephone:	-	435-725-351	15	
E-mail:	=			
Á	-			



July 25, 2007

Ms. Diana Mason State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Directional Drilling R649-3-11

Prickly Pear Unit Federal #7-17D-12-15

Surface: 2089' FSL & 743' FEL, NESE 17-T12S-R15E

Bottom Hole: 1982' FNL & 1973' FEL, SWNE 17-T12S-R15E

Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Prickly Pear Unit Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area:
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact Doug Gundry-White, Senior Landman at 303-312-8129.

Sincerely,

Doug Gundry-White Senior Landman

1099 18TH STREET

SUITE 2300

DENVER, CO 80202

9 303.293.9100

303.291.0420



Bill Barrett Corporation

1099 18th Street, Suite 230

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FO	PRM	
	Operator Account Number: N	2165

city Denver ZID 80202 state CO

(303) 312-8134 Phone Number:

Well 1

Operator:

Address:

API Number	Well	Name	QQ	Sec	Twp	Rng	County
4300731307	Prickly Pear Unit Federal 10-17D-12-15		NESE	17	128	15E	Carbon
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		ity Assignment Effective Date
A	99999	16448	1	0/21/20	07	10	131 107

PRN = MVRD BHL = NWSE

CONFIDENTIAL

Well 2

API Number	Well	QQ	Sec	Twp	Rng	County	
4300731289	4300731289 Prickly Pear Unit Federal 7-17D-12-15		ear Unit Federal 7-17D-12-15 NESE 17 13		128	15E	Carbon
Action Code	Current Entity Number	New Entity Number	S	Spud Date		Entity Assignm Effective Dat	
A	99999	16429				10,	31/07
Comments: Spuc	dding Operations were	conducted by Craig's I	Roustabout VE	Service	^ ^	IFINI	-NTIAI

Wall 1

API Number	Well	QQ	Sec	Twp	Rng	County	
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		y Assignment ective Date
omments:				<u></u>			

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- Other (Explain in 'comments' section)

RECEIVED

Tracey Fallang

Name (Please Print)

Signature

Environmental Analyst Title

10/22/2607 Date

OCT 19 2007

(5/2000)



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Bill Barrett Corp
Well Name: PPU Fed 7-17D-12-15
API No: 43-007-31289 Lease Type: Federal
Section 17 Township 12S Range 15E County Carbon
Drilling Contractor Craig's Roustabout Service Rig # 3
SPUDDED: Date 10-21-07
Time
How Dry
Drilling will Commence:
Reported by Jody South
Telephone #_208-695-4817
Date 10-23-07 Signed RM

RECEIVED MOAB FALSHOD OFFICE (April 2004) 2007 JUL 27 AM 10: 05



FORM APPROVED OMB No 1004-0137 Expures March 31, 200

27 AM 10: 05 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER	5 Lease Serial No. UTU-73006 6. If Indian, Allotee or Tribe Name		
	6. If Indian, Allotee or Tribe Name		
APPLICATION FOR PERMIT TO DRILL OR REENTER			
	n/a		
la. Type of work. DRILL REENTER	7 If Unit or CA Agreement, Name and No		
Ia. Type of work. I DRILL IREENTER	Prickly Pear Unit/UTU-079487		
lb. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone	8. Lease Name and Well No. Prickly Pear Unit Fed #7-17D-12-15		
2. Name of Operator	9. API Well No.		
BILL BARRETT CORPORATION	nending 43007-3128		
3a Address 1099 18th Street, Suite 2300 Denver CO 80202 3b. Phone No. (include area code)	10. Field and Pool, or Exploratory		
(303) 312-8134	Nine Mile/Wasatch-Mesaverde		
4. Location of Well (Report location clearly and in accordance with any State requirements.*)	11. Sec., T. R. M. or Blk and Survey or Area		
At surface NESE, 2089' FSL, 743' FEL	Sec. 17, T12S-R15E		
At proposed prod. zone SWNE, 1982' FNL, 1973' FEL			
14 Distance in miles and direction from nearest town or post office*	12 County or Parish 13. State		
approximately 45 miles from Myton, Utah	Carbon UT		
location to nearest property or lease line, ft.	ng Unit dedicated to this well		
(Also to nearest orig, time time, it any)	······		
to nearest well, drilling, completed	BIA Bond No. on file onwide Bond #WYB000040		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 21. 10/01/2007	23. Estimated duration 45 days		
24. Attachments	-		
The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to t	his form:		
	ons unless covered by an existing bond on file (see		
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). 5. Operator certification 6. Such other site specific in authorized officer.	formation and/or plans as may be required by the		
25. Signature Name (Printed/Typed)	Date / /		
25. Signature Halland Tracey Fallang	1/95/07		
itle Environmental/Regulatory Analyst	, , , , , , , , , , , , , , , , , , ,		
Approved by (Signature) /s/ 4 Lynn Jackson Name (Printed/Typed) /s/ 4 Lynn Jackson	rson Date 15/15/07		
Assistant Field Manager, Office Division of Resonant Most Field Office			
ASSISTANT TELEVISION Application population in the strength of the population of approval, if any, are attached. Moab Field Offic Application populations thereon. Conditions of approval, if any, are attached.	bject lease which would entitle the applicant to		

*(Instructions on page 2)

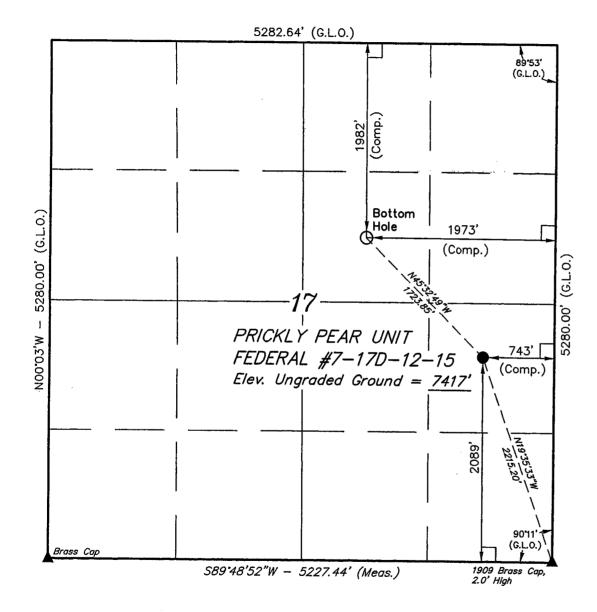
CONDITIONS OF APPROVAL ATTACHERECEIVED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OCT 2 2 2007

DIV. OF OIL, GAS & MINING

T12S, R15E, S.L.B.&M.



LEGEND:

__ = 90' SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 39'46'20.04'' (39.772233)

LONGITUDE = 110"15'14.65" (110.254069)

(NAD 27)

LATITUDE = 39'46'20.17" (39.772269)

LONGITUDE = 110'15'12.09" (110.253358)

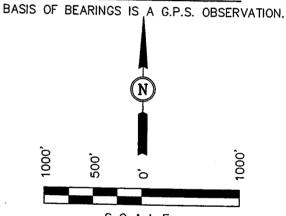
BILL BARRETT CORPORATION

Well location, PRICKLY PEAR UNIT FEDERAL #7-17D-12-15, located as shown in the NE 1/4 SE 1/4 of Section 17, T12S, R15E, S.L.B.&M., Carbon County, Utah.

BASIS OF ELEVATION

COTTON TRIANGULATION STATION, LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M., TAKEN FROM THE TWIN HOLLOW, CARBON COUNTY, QUADRANGLE, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.

BASIS OF BEARINGS



SCALE

THIS IS TO CERTIFY THAT THE ABOVE DEAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE TO ME OR UNDER TAY SUPERVISION AND THAT THE SAME ARE TRUE AND PORTED TO THE BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED LAND SURVEYOR REGISTER TO NO A 161313

AND THE PROPERTY OF

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

(435) 789-1017					
SCALE 1" = 1000'	DATE SURVEYED: 07-05-07	DATE DRAWN: 07-16-07			
PARTY D.R. K.A. P.M.	REFERENCES G.L.O. PLA	REFERENCES G.L.O. PLAT			
WEATHER WARM	FILE BILL BARDET	T COPPORATION			
	BILL BARRETT CORPORATION				

Bill Barrett Corporation

Prickly Pear Unit Federal 7-17D-12-15

Prickly Pear Unit

Lease, Surface: UTU-73600 Bottom-hole: UTU-73600

Location. Surface: NE/SE Sec. 17, T12S, R15E Bottom-hole: SW/NE Sec. 17, T12S, R17E

(Co-located APDs: Prickly Pear Unit Federal 9-17-12-15, 1-17D-12-15 and 7-17D-12-15)

Carbon County, Utah

A COMPLETE COPY OF THIS APPROVED PERMIT and Conditions of Approval shall be maintained on location during all construction and drilling operations, and shall be available to contractors to ensure compliance.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Bill Barrett Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by **WYB000040** (Principal – Bill Barrett Corporation) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. Failure to comply with the provisions of this permit, including applicable regulations, stipulations, and/or approval conditions, will be considered a violation subject to the enforcement provisions of 43 CFR Subpart 3163.

A. DRILLING PROGRAM

- 1. The proposed 3M BOP system is adequate for anticipated conditions. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
- 2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities.
- 3. The proposal included a provision for using minor amounts of diesel in the drilling fluid system. Diesel may be added to the system only after cementing the surface casing into place.
- 4. The proposal included options for using one of three different grades of production casing. Any of the three options may be used.
- 5. The production casing shall be cemented into place such that the top-of-cement extends a minimum of 100 feet into the surface casing, leaving no annular space exposed to open-hole. This shall be verified by a cement bond log (CBL) or other appropriate tool for determining top-of-cement, unless cement is circulated to surface.
- 6. If logging reveals that the cementing objectives were not met, remedial cementing will be required.
- 7. Locally, the Green River Formation is known to contain oil, gas, oil shale and tar sand deposits. However, the lateral occurrence, distribution and grade of the oil shale and tar sand deposits are not well defined. The operator shall pay particular attention to this section, and shall attempt to identify and describe any of these resources that may be penetrated. Any information obtained on these resources shall be included as part of the Well Completion Report.
- 8. The use of a flow conditioner in lieu of straightening vanes in the gas meter run cannot be approved with the information provided. This proposal is not consistent with the provisions of Onshore Oil & Gas Order No. 5, and as such, can only be considered for approval as a "variance" from Order No. 5. A written request for variance would identify the Order No. 5 requirement(s) from which the variance is being requested, and it would include supporting justification as to how the alternate method of measurement would meet or exceed the minimum standards established in Order No. 5. A variance request for the use of a flow conditioner would also include the make, model, dimensions, and description of use for the specific flow conditioner being proposed.

10:4356576156

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** Price Field Office Price, Utah

SURFACE USE CONDITIONS OF APPROVAL

Project Nan	ne:	Prickly Pear Unit Winte	er Drilling	Locations
Operator:	_Bi	Il Barrett Corporation		

I Bill Barrett Corporation 2007-2008 Prickly Pear Unit Winter Drilling EA, Carbon County, Utah with Special Mitigation Measures Section 2.4 Alternative

Under this alternative, the project would be implemented as described in the Proposed Action, including adherence to The Gold Book standards, except special mitigation measures developed by BLM in coordination with UDWR would be applied as conditions of approval to address issues related to winter activities. The following measures would be applied to mitigate affects to the high country watershed and wildlife;

The special mitigation measures included in Alternative C of the current action will be added to the previously developed conditions of approval to mitigate affects to the high country watershed and wildlife. This decision is contingent on meeting all of the special mitigation measures listed below:

- To prevent erosion, snow must be removed within 48-hours of cessation of each winter storm producing greater than 4-inches of snowfall; snow removal would occur only on those roads necessary to access wells and production facilities.
- On well pads where winter drilling is occurring, snow must be removed within 48hours of cessation of each winter storm producing greater than 4-inches of snowfall; snow removal would occur on the portions of the pad where access with snow removal equipment is feasible. Snow would be stockpiled in a retention structure per The Gold Book standards.
- To reduce erosion and soil loss during heavy rain events and snow melt, drainage on or around the well pads would be designed to reduce erosion and sedimentation. Storm water would be diverted away from the well locations with ditches, berms, or waterbars above the cut slopes. Rain water or snow melt collected on the well pads

would be contained and drained into the reserve pit or directed into a water retention ponds to ensure no sediment leaves the pad,

- The following travel restrictions would be adhered to by all types of vehicles from November 1, 2007, to May 15, 2008, to minimize disturbances during periods of major animal movement (6:00-8:00 AM and 5:00-7:00 PM or 6:00-8:00 AM and 6:00-8:00 PM during daylight savings time). These restrictions would be contingent on the presence of elk and deer in the areas.
- Contractors and vendors for non-critical rig visits would not travel during these periods.
- Rig shift changes would be adjusted to not coincide with these periods.
- Routine delivery of drilling supplies would not occur during these periods. These restrictions would not apply to vehicles directly involved in easing, cementing and/or emergency operations necessary to maintain viable hole conditions.
- Monitoring would be required to ensure compliance with restricted travel times and routes from November 1, 2007, to May 15, 2008. The proponent would contract with a third party monitor to assess compliance with these restrictions. Monitoring would occur at least twice weekly at random intervals and a compliance report would be submitted to the Price Field Office on a weekly basis. Bill Barrett Corporation 2007-2008 Prickly Pear Unit Winter Drilling EA 2-18.
- If snow depths equal 16-inches or greater, edges of plowed roads would be opened at intervals of approximately 0.25 mi to create wildlife exit points and crossing areas when snow walls develop. Exits would be opened to approximately 15 ft, down to the top of vegetation, and would remain within the ROW.
- Access roads must meet The Gold Book standards, where practicable, prior to the winter closure to ensure ruts would not be created during winter use.
- All pipelines associated with wells would be buried within the 50-ft pipeline ROW. BBC could request a waiver if surface conditions are such that blasting would be required to bury the pipeline.
- Trucks used for moving rigs would be kept on top of each applicable mesa until the rig has been fully moved.
- As feasible, all supplies, including easing, would be stockpiled on top of each applicable mesa prior to the winter closure.
- Traffic accessing the project area for development of the proposed project would use one of two routes, depending upon their destination (see Figure 2.1 Bill Barrett Corporation 2007-2008 Prickly Pear Unit Winter Drilling EA) for the period from November 1, 2007, through May 15, 2008.

· For the two pad locations proposed in section 17, traffic from Harmon Canyon would follow the existing road through the SE1/4 of section 15 where it would turn right (northeast) on another existing road, and proceed to the SW1/4 NW1/4 of section 13 where it would turn right (southeast) on the existing road and proceed to the section 17 locations.

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- · For the two pad locations proposed in section 18, traffic from Harmon Canyon would follow the existing road through the SE1/4 and then the NE1/4 of section 15, and then along the Interplanetary Airstrip in the N1/2 of section 14 and into the NW1/4 NW1/4 of section 13, where it would follow an existing road in the N1/2 of section 13 and proceed to the section 18 locations. Bill Barrett Corporation 2007-2008 Prickly Pear Unit Winter Drilling EA 2-18.
- · Other roads previously used would be blocked or signed to prevent use by projectrelated traffic. BBC and their contractors would be notified that use of any but the designated roads would not be allowed.

Mitigation for impacts from the interconnect pipeline would include the following actions.

- The pipeline right-of-way (ROW) would be cleared with a brush hog rather than being scalped with a dozer so as to encourage faster regeneration of vegetation.
- The existing two-track within the proposed pipeline ROW would be used as the alignment for burial of the pipeline to the extent possible, such that reclamation of the pipeline would inevitably reclaim the two-track. Where the pipeline disturbance deviates from the two-track, it would be reclaimed.
- · Reclamation of the pipeline and two-track ROW, as well as other disturbance associated with pipeline construction, would be accomplished using the seed mix identified in Appendix C, Table A of the West Tavaputs Drilling EA (BLM 2004). In addition, sagebrush tubelings with plant protectors would be planted at a density of 200 tubelings per acre.
- BBC would remove the existing fence along the pipeline ROW and erect a new fence to the east at the location identified on Figure 2.7 (Bill Barrett Corporation 2007-2008 Prickly Pear Unit Winter Drilling EA) so as to minimize impediments to greater sage-grouse movements in winter habitat. In addition, as a general measure to compensate for potential effects of winter activities on greater sagegrouse and removal of vegetation along the interconnect pipeline route, BBC would lop and remove pinyon/juniper vegetation on a 10-acre area in the SW1/4 of section 14, T12S, R14E, as identified on Figure 2.8 (Bill Barrett Corporation 2007-2008 Prickly Pear Unit Winter Drilling EA).

II Site Specific Conditions of Approval

- 1. A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact the BLM Authorized Officer Don Stephens @ 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.
- 2. The following appendices are attached for your reference. They are to be followed as conditions of approval:
 - •Applicant-committed environmental protection measures for the West Tavaputs Plateau Drilling Program (UT-070-2004-28) see attached Appendix B.
 - •Applicant Committed Mitigation Measures Bill Barrett Corporation 2007-2008 Prickly Pear Unit Winter Drilling EA (UT-070-07-053)
 - •Interim reclamation Plan Prickly Pear Federal 13-17-12-15
 - •TMC1, Browse Hand Planting Tubeling Mixtures.
- 3. The area that encompasses the well location and road is environmentally sensitive including fragile soils and vegetation. The operator may be required to perform special measures such as mulching, erosion fencing, use of erosion fabric, etc. per the direction of the BLM Authorized Officer to stabilize any disturbed areas and ensure the reestablishment of long-term perennial vegetation.
- 4. The operator will be responsible for performing any remediation and/or necessary road upgrading (e.g. elevating, surfacing, culverts, low-water crossings, waterwings, surfacing, etc.) as directed by the BLM Authorized Officer, resulting from untimely access.
- 5. All equipment and personnel used during drilling and construction activities will be restricted to only approve access roads.
- 6. If the well is productive and after completion operations, the road will be upgraded to a Resource Road status in accordance with the Surface Operating Standards for Oil & Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

- 7. All permanent above-ground structures (e.g., production equipment, tanks, etc.) not subject to safety requirements will be painted to blend with the natural color of the landscape. The paint used will be a color which simulates "Standard Environmental Colors." The color selected for the wells is Olive Black, 5WA20-6. All facilities will be painted the designated color at the time of installation.
- 8. All trees salvaged from the construction of the well pad will be clearly segregated from the spoil material, to prevent burying of trees in the spoil material.
- 9. No salvaged trees will be pushed up against live trees or buried in the spoil material.
- 10. All areas not needed for production of the well will be reclaimed within 90 days of completion if weather conditions are favorable, unless the BLM Authorized Officer gives an extension.
- 11. Reserve pits will be closed as soon as possible, but no later than 90 days from time of drilling/well completion, unless the BLM Authorized Officer gives an extension. Squeezing of pit fluids and cuttings is prohibited. Pits must be dry of fluids or they must be removed via vac-truck or other environmentally acceptable method prior to backfilling, re-contouring and replacement of topsoil. Mud and cuttings left in pit must be buried at least 3-feet below re-contoured grade. The operator will be responsible for re-contouring any subsidence areas that develop from closing a pit before it is sufficiently dry. The operator shall contact the BLM Authorized Officer Don Stephens @ 435-636-3608 at least 48-hours prior to the filling and reclamation of pits and the start of any reclamation such as recontouring and reseeding.
- 12. The operator will drill seed on the contour to a depth of 0.5 inch, followed by cultipaction to compact the seedbed, preventing soil and seed losses. To maintain quality and purity, the current years tested, certified seed with a minimum germination rate of 80% and a minimum purity of 90% will be used. Seeding shall be done after frost has left the ground and prior to May 15.
- 13. Please contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.
- 14. A Paleontologist acceptable to the BLM will monitor during surface disturbing activities. If paleontologic resources are uncovered during surface disturbing activities, the paleontologist shall immediately notify the Authorized Officer (AO). The AO will arrange for a determination of significance and, if necessary, recommend a recovery or avoidance plan. A paleontologist need not be present for road and pad construction for the Prickly Pear 9-17-12-15 and for road construction for the Prickly Pear 13-17-12-15.
- 15. The pipeline(s) shall be buried.

P.15/45

- 16. During the activities of road maintenance, new road construction or the construction of well pads, if any standing live or dead trees are damaged, cut down or knocked over by grading or construction equipment, actions would be taken to remove excessive vegetation from the road or pad edge. These materials would either be chipped on site and dispersed along the road or pad edge or hauled to BLM approved locations and piled for disposal in a manner that would not present a fuel hazard. Piles must be located in openings so that no pile would be within 30 feet of standing live trees. The piled vegetation must also be located adjacent to and accessible by road.
- 17. An impermeable liner shall be used in the containment area of all permanent condensate and water tanks.
- 18. Low profile tanks shall be used on this location.
- 19. Gas shall be measured on the well pad unless the BLM Authorized Officer authorizes another location.
- 20. The Mexican Spotted Owl Conservation Measures to avoid impacts:
 - a. Employ best available technology on production wells and compression equipment within .5 miles of canyon habitat model.
 - b. Upon discovery of individuals or sightings of this species, halt construction/drilling activities and notify authorized official.
- 21. BBC shall participate in a wildlife enhancement project to improve habitat for mule deer and elk. A project to be determined with BLM, Utah Division of Wildlife Resources and BBC.

III Standard Conditions of Approval

A. General

1. If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO). Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and,
- a time-frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction measures.
- 2. The operator shall restrict travel on unimproved roads during periods of inclement weather or spring thaw when the possibility exists for excessive surface resource damage (c.g., rutting in excess of 4-inches, travel outside roadway, etc.).
- 3. The Companies will provide georeferenced spatial data depicting as-built locations of all facilities, wells, roads, pipelines, power lines, and other related facilities to the BLM by November 1 of each year until completion of project construction activities has occurred.
- 4. If any dead or injured threatened, endangered, proposed, or candidate species is located during construction or operation, the BLM Price Field Office (435-636-3600) shall be notified within 24 hours.
- 5. The Company will conduct clearance surveys for threatened, endangered or other special-concern species at the optimum time. This will require coordination with the BLM before November 1 annually to review the potential for disturbance and to agree on inventory parameters.

B. Construction

- 1. The operator will limit vegetation removal and the degree of surface disturbance wherever possible. Where surface disturbance cannot be avoided, all practicable measures will be utilized to minimize erosion and stabilize disturbed soils.
- 2. Construction and drilling activity will not be conducted using frozen or saturated soil material during periods when watershed damage or excessive rutting is likely to occur.
- 3. Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material. Any topsoil stockpiled for one year or longer will be signed and stabilized with annual ryegrass or other suitable cover crop.

- 4. The operator will not push soil material and overburden over side slopes or into drainages. All soil material disturbed will be placed in an area where it can be retrieved without creating additional undue surface disturbance and where it does not impede watershed and drainage flows.
- 5. Construct the backslope no steeper than 1½:1, and construct the foreslope no steeper than 2:1, unless otherwise directed by the BLM Authorized Officer.
- 6. Maintain a minimum 20-foot undisturbed vegetative border between toe-of-fill of pad and/or pit areas and the edge of adjacent drainages, unless otherwise directed by the BLM Authorized Officer.
- 7. With the overall objective of minimizing surface disturbance and retaining land stability and productivity, the operator shall utilize equipment that is appropriate to the scope and scale of work being done for roads and well pads (utilize equipment no larger than needed for the job).
- 8. Reserve pits will be adequately fenced during and after drilling operations until pit is reclaimed so as to effectively keep out wildlife and livestock. Adequate fencing, in lieu of more stringent requirements by the surface owner, is defined as follows:
 - Construction materials will consist of steel or wood posts. Three or four strand wire (smooth or barbed) fence or hog panel (16-foot length by 50-inch height) or plastic snow fence must be used with connectors such as fence staples, quick-connect clips, hog rings, hose clamps, twisted wire, etc. Electric fences will not be allowed.
 - Construction standards: Posts shall be firmly set in ground. If wire is used, it
 must be taut and evenly spaced, from ground level to top wire, to effectively
 keep out animals. Hog panels must be tied securely into posts and one another
 using fence staples, clamps, etc. Plastic snow fencing must be taut and sturdy.
 Fence must be at least 2-feet from edge of pit, 3 sides fenced before beginning
 drilling, the fourth side fenced immediately upon completion of drilling and
 prior to rig release. Fence must be left up and maintained in adequate
 condition until pit is closed.
- 9. The reserve pit will be oriented to prevent collection of surface runoff. After the drilling rig is removed, the operator may need to construct a trench on the uphill side of the reserve pit to divert surface drainage around it. If constructed, the trench will be left intact until the pit is closed.
- 10. The reserve pit will be lined with an impermeable liner if permeable subsurface material is encountered. An impermeable liner is any liner having a permeability less than 10⁻⁷ cm/sec. The liner will be installed so that it will not leak and will be chemically compatible with all substances that may be put in the pit. Liners made of any man-made synthetic material will be of sufficient strength and thickness to

- withstand normal installation and pit use. In gravelly or rocky soils, a suitable bedding material such as sand will be used prior to installing the liner.
- 11. The reserve pit will be constructed so that at least half of its total volume is in solid cut material (below natural ground level).
- 12. The reserve pit shall have 2 foot of freeboard maintained at all times to prevent overflow of fluids.
- 13. Culverts will be placed on channel bottoms on firm, uniform beds, which have been shaped to accept them, and aligned parallel to the channel to minimize erosion. Backfill will be thoroughly compacted.
- 14. The minimum diameter for culverts will be 18 inches. However, all culverts will be appropriately sized in accordance with standards in BLM Manual 9113.
- 15. Construction and other project-related traffic will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- 16. Maximum design speed on all operator-constructed and maintained roads will not exceed 25 miles per hour.
- 17. Pipeline construction shall not block nor change the natural course of any drainage. Pipelines shall cross perpendicular to drainages. Pipelines shall not be run parallel in drainage bottoms. Suspended pipelines shall provide adequate clearance for maximum runoff.
- 18. Pipeline trenches shall be compacted during backfilling. Pipeline trenches shall be routinely inspected and maintained to ensure proper settling, stabilization and reclamation.
- 19. The pipeline right-of-way will be brush-hogged to prevent unnecessary disturbance. Only those areas where safety, absolute need for construction or other regulations may warrant the use of topsoil removal by blading or scalping.
- 20. During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
- 21. The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

C. Operations/Maintenance

- If in the process of air drilling the wells there is a need to utilize mud, all
 circulating fluids will be contained either in an approved pit or in an aboveground
 containment tank. The pit or containment tank will be large enough to safely
 contain the capacity of all expected fluids without danger of overflow. Fluid and
 cuttings will not be squeezed out of the pit, and the pit will be reclaimed in an
 expedient manner.
- 2. Confine all equipment and vehicles to the access road(s), pad(s), and area(s) specified in the approved APD.
- 3. All waste, other than human waste and drilling fluids, will be contained in a portable trash cage. This waste will be transported to a State approved waste disposal site immediately upon completion of drilling operations. No trash or empty barrels will be placed in the reserve pit or buried on location. All state and local laws and regulations pertaining to disposal of human and solid waste will be complied with.
- 4. Rat and mouse holes shall be filled and compacted from the bottom to the top immediately upon release of the drilling rig from the location.
- 5. The operator will be responsible for prevention and control of noxious weeds and weeds of concern on all areas of surface disturbance associated with this project (well locations, roads, water management facilities, etc.) Use of pesticides shall comply with the applicable Federal and State laws. Pesticides shall be used only in accordance with their registered uses and within limitations imposed by the Secretary of Interior. Prior to the use of pesticides on public land, the holder shall obtain from the BLM authorized officer written approval of a plan showing the type and quantity of material to be used, pest(s) to be controlled, method of application, location of storage and disposal of containers, and any other information deemed necessary by the authorized officer to such use.
- 6. Sewage shall be placed in a self-contained, chemically treated porta-potty on location.
- 7. The operator and their contractors shall ensure that all use, production, storage, transport and disposal of hazardous and extremely hazardous materials associated with the drilling, completion and production of these wells will be in accordance with all applicable existing or hereafter promulgated federal, state and local government rules, regulations and guidelines. All project-related activities involving hazardous materials will be conducted in a manner to minimize potential environmental impacts. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.

- 8. Produced fluids shall be put in test tanks on location during completion work. Produced water will be put in the reserve pit during completion work per Onshore Order #7.
- 9. The only fluids/waste materials which are authorized to go into the reserve pit are RCRA exempt exploration and production wastes. These include:
 - drilling muds & cuttings
 - rigwash
 - excess cement and certain completion & stimulation fluids defined by EPA as exempt

It does not include drilling rig waste, such as:

- spent hydraulic fluids
- used engine oil
- used oil filter
- empty cement, drilling mud, or other product sacks
- empty paint, pipe dope, chemical or other product containers
- excess chemicals or chemical rinsate

Any evidence of non-exempt wastes being put into the reserve pit may result in the BLM Authorized Officer requiring specific testing and closure requirements.

10. If this well is drilled during the fire season (June-October), the operator shall institute all necessary precautions to ensure that fire hazard is minimized, including but not limited to mowing vegetation on the access route(s) and well location(s), keeping fire fighting equipment readily available when drilling, etc.

D. Dry Hole/Reclamation

- All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc will be expediently reclaimed and reseeded in accordance with the surface use plan and any pertinent site-specific COAs.
- 2. Disturbed lands will be re-contoured back to conform with existing undisturbed topography. No depressions will be left that trap water or form ponds.
- 3. Before the location has been reshaped and prior to redistributing the topsoil, the operator will rip or scarify the drilling platform and access road on the contour, to a depth of at least 12 inches. The rippers are to be no farther than 24 inches apart.
- 4. Distribute the topsoil evenly over the entire location and other disturbed areas. Prepare the seedbed by disking to a depth of 4-to-6 inches following the contour.
- 5. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice. Individual facilities, such as well locations, pipelines, discharge points, impoundments, etc. need to be addressed in these plans as they are no longer

needed. Individual items that will need to be addressed in reclamation plans include:

- Pit closure (Close ASAP after suitably dry, but no later than 90 days from time of drilling unless an extension is given by BLM Authorized Officer.)
 BLM may require closure prior to 90 days in some cases due to land use or environmental concerns.
- Configuration of reshaped topography, drainage systems, and other surface manipulations
- Waste disposal
- Revegetation methods, including specific seed mix (pounds pure live seed/acre) and soil treatments (seedbed preparation, fertilization, mulching, etc.). On private surface, the landowner should be consulted for the specific seed mix.
- Other practices that will be used to reclaim and stabilize all disturbed areas, such as water bars, erosion fabric, hydro-mulching, etc.
- An estimate of the timetables for beginning and completing various reclamation operations relative to weather and local land uses.
- Methods and measures that will be used to control noxious weeds, addressing both ingress and egress to the individual well of POD.
- Decommissioning/removal of all surface facilities
- 6. BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
- 7. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
- 8. For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.
- 9. Soil fertility testing and the addition of soil amendments may be required to stabilize some disturbed lands.
- 10. Any mulch utilized for reclamation needs to be certified weed free.
- 11. Waterbars are to be constructed at least one (1) foot deep, on the contour with approximately two (2) feet of drop per 100 feet of waterbar to ensure drainage, and extended into established vegetation. All waterbars are to be constructed with the berm on the downhill side to prevent the soft material from silting in the trench. The initial waterbar should be constructed at the top of the backslope.

Subsequent waterbars should follow the following general spacing guidelines:

Slope	Spacing Interval		
(percent)	(feet)		
≤2	200		
2-4	100		
4-5	75		
≥ 5	50		

E. Producing Well

- 1. Reclaim those areas not required for production as soon as possible. The fluids and mud must be dry in the reserve pit before re-contouring pit area. The operator will be responsible for re-contouring and reseeding of any subsidence areas that develop from closing a pit before it is completely dry.
- 2. Reduce the backslope to 2:1 and the foreslope to 3:1, unless otherwise directed by the BLM Authorized Officer. Reduce slopes by pulling fill material up from foreslope into the toe of cut slopes.
- 3. Production facilities (including dikes) must be placed on the cut portion of the location and a minimum of 15 feet from the toc of the back cut unless otherwise approved by the BLM Authorized Officer.
- 4. Any spilled or leaked oil, produced water or treatment chemicals must be reported in accordance with NTL-3A and immediately cleaned up in accordance with BLM requirements. This includes clean-up and proper disposition of soils contaminated as a result of such spills/leaks.
- 5. Distribute stockpiled topsoil evenly over those areas not required for production and reseed as recommended.
- 6. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
- Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.
- 8. If not already required prior to constructing and drilling the well location, the operator shall immediately upgrade the entire access road to BLM standards (including topsoiling, crowning, ditching, drainage culverts, surfacing, etc.) to

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APPENDIX B:

APPLICANT-COMMITTED ENVIRONMENTAL PROTECTION MEASURES

EA, West Tavaputs Plateau Drilling Program

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1.0 INTRODUCTION

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Appendix B is part of BBC's Proposed Action for the WTPDP as described in Chapter 2.0, and BBC will comply with the standards, procedures, and requirements contained in Appendix B when implementing the Alternatives unless otherwise provided for by the BLM Authorized Officer (AO). Appendix B describes standard practices utilized to mitigate adverse effects caused by surface-disturbing activities.

2.0 STANDARD PRACTICES

The following BMPs/Applicant-Committed Protection Measures (ACEPM) will be applied to all federal lands within the WTPPA by BBC to minimize impacts to the environment. Exception, modification, or waiver of a mitigation requirement may be granted if a thorough analysis by BLM determines that the resource(s) for which the measure was developed will not be impacted by the project activity. Further site-specific mitigation measures may be identified during the application for permit to drill (APD) and/or right-of-way (ROW) application review processes.

2.1 PRECONSTRUCTION PLANNING AND DESIGN MEASURES

- 1. BBC and/or their contractors and subcontractors will conduct all phases of project implementation, including well location, road and pipeline construction, drilling and completion operations, maintenance, reclamation, and abandonment in full compliance with all applicable federal, state, and local laws and regulations and within the guidelines specified in approved APDs and ROW permits. BBC will be held fully accountable for their contractor's and subcontractor's compliance with the requirements of the approved permit and/or plan.
- 2. Implementation of site-specific activities/actions will be contingent on BLM determining that the activity/action complies with the following plans:
 - · Surface Use Plan and/or Plan of Development; and
 - Site-specific APD plans/reports (e.g., road and wellpad design plans, cultural clearance, special status plant species clearance, etc.).

The above plans may be prepared by the Companies for the project area or submitted incrementally with each APD, ROW application, or Sundry Notice (SN).

2.2 ROADS

- 1. BBC will construct roads on private surface in a safe and prudent manner to the specifications of landowners.
- 2. Roads on federal surface will be constructed as described in BLM Manual 9113. Where necessary, running surfaces of the roads will be graveled if the base does not already contain sufficient aggregate.
- 3. Existing roads will be used when the alignment is acceptable for the proposed use. Generally, roads will be required to follow natural contours; provide visual screening by constructing curves, etc.; and be reclaimed to BLM standards.
- 4. To control or reduce sediment from roads, guidance involving proper road placement and buffer strips to stream channels, graveling, proper drainage, seasonal closure, and in some cases, redesign or closure of old roads will be developed when necessary. Construction may also be prohibited during periods when soil material is saturated, frozen, or when watershed damage is likely to occur.
- 5. Available topsoil will be stripped from all road corridors prior to commencement of construction activities and will be redistributed and reseeded on backslope areas of the borrow ditch after completion of road construction activities, Borrow ditches will be reseeded in the first appropriate season after initial disturbance.

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- 6. On newly constructed roads and permanent roads, the placement of topsoil, seeding, and stabilization will be required on all cut and fill slopes unless conditions prohibit this (e.g., rock). No unnecessary side-casting of material (e.g., maintenance) on steep slopes will be allowed.
- 7. Reclamation of abandoned roads will include requirements for reshaping, recontouring, resurfacing with topsoil, installation of water bars, and seeding on the contour. Road beds, wellpads, and other compacted areas will be ripped to a depth of 1.0 foot on 1.5 feet centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation will be spread over the disturbance for nutrient recycling, where practical. Fertilization or fencing of these disturbances will not normally be required. Additional erosion control measures (e.g., fiber matting) and road barriers to discourage travel may be required. Graveled roads, wellpads, and other sites will be stripped of usable gravel and hauled to new construction sites prior to ripping as deemed necessary by the AO. The removal of structures such as bridges, culverts, cattleguards, and signs will usually be required.
- 8. Main artery roads, regardless of the primary user, will be crowned, ditched, drained, and, if deemed appropriate by the AO, surfaced with gravel.
- 9. Unnecessary topographic alterations will be mitigated by avoiding, where possible, steep slopes, rugged topography, and perennial and ephemeral/intermittent drainages, and by minimizing the area disturbed.
- 10. Upon completion of construction and/or production activities, the Companies will restore, to the extent practicable, the topography to near pre-existing contours at well sites, access roads, pipelines, and other facility sites.
- 11. Existing roads will be used to the maximum extent possible and upgraded as necessary.
- 12. BBC will comply with existing federal, state, and county requirements and restrictions to protect road networks and the traveling public.
- 13. Special arrangements will be made with the Utah Department of Transportation to transport oversize loads to the project area. Otherwise, load limits will be observed at all times to prevent damage to existing road surfaces.
- 14. All development activities along approved ROWs will be restricted to areas authorized in the approved ROW.
- 15. Roads and pipelines will be located adjacent to existing linear facilities wherever practical.
- 16. BBC and/or their contractors will post appropriate warning signs and require project vehicles to adhere to appropriate speed limits on project-required roads, as deemed necessary by the AO.
- 16. BBC will be responsible for necessary preventative and corrective road maintenance for the duration of the project. Maintenance responsibilities may include, but are not limited to, blading, gravel surfacing, cleaning ditches and drainage facilities, dust abatement, noxious weed control, or other requirements as directed by the AO.

2.3 WELLPADS AND FACILITIES

- 1. In conformance with Onshore Oil and Gas Order No. 1, BBC will prepare and submit individual comprehensive drill site design plans for BLM approval. These plans will show the drill location layout over the existing topography; dimensions of the location; volumes and cross sections of cut and fill; location and dimensions of reserve pits; existing drainage patterns; and access road egress and ingress. Plans will be submitted and approved prior to initiation of construction.
- No surface disturbance is recommended on slopes in excess of 25% unless erosion controls can be ensured and adequate revegetation is expected. Engineering proposals and revegetation and restoration plans will be required in these areas.
- 3. Reserve pits will be constructed to ensure protection of surface and ground water. The review to determine the need for installation of lining material will be done on a case-by-case basis and consider soil permeability, water quality, and depth to ground water.
- 4. Reserve pit liners will have a mullen burst strength that is equal to or exceeds 300 pounds, a puncture strength that is equal to or exceeds 160 pounds, and grab tensile strengths that are equal to or exceed 150 pounds. There will be verified test results conducted according to ASTM test standards. The liner will be totally resistant to deterioration by hydrocarbons.
- 5. Produced water from oil and gas operations will be disposed of in accordance with the requirements of Onshore Oil and Gas Order #7.
- Pits will be fenced as specified in individual authorizations. Any pit containing harmful fluids will be maintained in a manner that will prevent migratory bird mortality.
- 7. Disturbances will be managed/reclaimed for zero runoff from the wellpad or other facility until the area is stabilized. All excavations and pits will be closed by backfilling and contouring to conform to surrounding terrain. On wellpads and other facilities, the surface use plan will include objectives for successful reclamation including soil stabilization, plant community composition, and desired vegetation density and diversity.
- 8. On producing wells, BBC will reduce slopes to original contours (not to exceed 3:1 slopes). Areas not used for production purposes will be backfilled and blended into the surrounding terrain, reseeded, and erosion control measures installed. Erosion control measures will be required after slope reduction. Mulching, erosion control measures, and fertilization may be required to achieve acceptable stabilization.
- 9. Abandoned sites will be satisfactorily rehabilitated in accordance with the approved APD.

2.4 PIPELINES

- Pipeline construction methods and practices will be completed in such a manner so as to obtain good reclamation and the re-establishment of the native plant community.
- 2. On ditches exceeding 24 inches in width, 6 to 12 inches of surface soil will be salvaged on the entire right-of-way, where practicable. When pipelines are buried, there will be at least 30 inches of backfill on top of the pipe. Backfill will not extend above the original ground level after the fill has settled. Guides for construction and water bar placement found in "Surface Operating Standards for Oil and

Gas Exploration and Development" (BLM and USFS 1989) will be followed. Bladed surface materials will be re-spread upon the cleared route once construction is completed. Disturbed areas that have been reclaimed will be fenced when the route is near livestock watering areas at the discretion of the AO.

- 3. Pipeline ROWs will be located to minimize soil disturbance to the greatest extent practicable. Mitigation will include locating pipeline ROWs adjacent to access roads to minimize ROW disturbance widths, or routing pipeline ROWs directly to minimize disturbance lengths.
- 4. Existing crowned and ditched roads will be used for access where possible to minimize surface disturbances. Clearing of pipeline ROWs will be accomplished with the least degree of disturbance to topsoil. Where topsoil removal is necessary, it will be stockpiled (windrowed) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the ROW will also be re-spread to provide protection, nutrient recycling, and a seed source.
- 5. Temporary disturbances which do not require major excavation (e.g., small pipelines) may be stripped of vegetation to ground level using mechanical treatment, leaving topsoil intact and root masses relatively undisturbed.
- 6. To promote soil stability, backfill over the trench will be compacted so as not to extend above the original ground level after the fill has settled. Wheel or other methods of compacting the pipeline trench backfill will occur at two levels to reduce trench settling and water channeling-once after 3 feet of fill has been replaced and once within 6-12 inches of the surface. Water bars, mulching, and terracing will be installed, as needed, to minimize erosion. Instream protection structures (e.g., drop structures) in drainages crossed by a pipeline will be installed at the discretion of the AO to prevent erosion.
- 7. BBC will adhere to the following procedures regarding the installation of pipelines during periods when the earth is frozen.
 - The BLM Price Field Office will be contacted at least 10 days prior to anticipated start of project. The project will not proceed until such time as authorization from BLM has been received by the Companies.
 - A BLM representative will be on the ground at the beginning of construction.
 - Snow, if present, will be removed utilizing a motor grader.
 - Vegetation will be scalped and windrowed to one side of the right-of-way.
 - A wheel trencher will be used to remove approximately 6-8 inches of topsoil from the top of the pipeline ditch and windrow it to one side.
 - A trench approximately 4 feet deep will be dug using a wheel trencher and the soil will be stockpiled to one side, making sure the top soil or spoil do not get mixed together.
 - The pipeline will be installed, the trench backfilled, and the spoil compacted in the trench.
 - Stockpiled topsoil will be placed in the trench and compacted.
 - Scalped vegetation back will be placed back on right-of-way using a motor grader.
 - The entire right-of-way will be reseeded as normal in the spring after the thaw.

These procedures will be incorporated in every Plan of Development where construction in frozen earth is anticipated.

2.5 AIR QUALITY

- 1. BBC will comply with all applicable local, state, and federal air quality laws, statutes, regulations, standards, and implementation plans.
- 2. BBC will obtain all necessary air quality permits from UDAQ to construct, test, and operate facilities.
- 3. All internal combustion equipment will be kept in good working order.
- 4. The Companies will use water at construction sites, as necessary, to abate fugitive dust.
- 5. The Companies will not allow any open burning of garbage or refuse at well sites or other facilities.

2.6 VEGETATION

- 1. Removal and disturbance of vegetation will be kept to a minimum through construction site management (e.g., using previously disturbed areas and existing easements, limiting equipment/materials storage yard and staging area size, etc.).
- Wellpads and associated roads and pipelines will be located to avoid or minimize impacts in areas of high value (e.g., sensitive species habitats, wetland/riparian areas).

2.7 SOILS

- 1. Surface-disturbing activities will be examined on a site-specific basis, evaluating the potential for soil loss and the compatibility of soil properties with project design. Stipulations and mitigating measures will be developed on a case-by-case basis to ensure soil conservation and practical management.
- 2. BBC will restrict construction activities during periods when soils are saturated and excessive rutting (>4 inches with multiple passes) would occur.
- 3. Salvage and subsequent replacement of topsoil will occur for surface-disturbing activities wherever specified by the AO.
- 4. Before a surface-disturbing activity is undertaken, topsoil depth will be determined and the amount of topsoil to be removed, along with topsoil placement areas, will be specified in the authorization. The uniform distribution of topsoil over the area to be reclaimed will occur unless conditions warrant a varying depth. On large surface-disturbing projects topsoil will be stockpiled and seeded to reduce erosion. Where feasible, topsoil stockpiles will be designed to maximize surface area to reduce impacts to soil microorganisms. Areas used for spoil storage will be stripped of topsoil before spoil placement, and the replacement of topsoil after spoil removal will be required.
- 5. BBC will avoid adverse impacts to soils by:
 - minimizing the area of disturbance;
 - avoiding construction with frozen soil materials to the extent practicable;
 - avoiding areas with high erosion potential (e.g., unstable soil, dunal areas, slopes greater than 25%, floodplains), where practicable;
 - salvaging and selectively handling topsoil from disturbed areas;
 - adequately protecting stockpiled topsoil and replacing it on the surface during reclamation:
 - leaving the soil intact (scalping only) during pipeline construction, where practicable;

- using appropriate erosion and sedimentation control techniques including, but not limited to, diversion terraces, riprap, and matting;
- promptly revegetating disturbed areas using adapted species;
- applying temporary erosion control measures such as temporary vegetation cover, application of mulch, netting, or soil stabilizers; and/or
- constructing barriers, as appropriate, to minimize wind and water crosion and sedimentation prior to vegetation establishment.
- 6. Appropriate erosion control and revegetation measures will be employed. Grading and landscaping will be used to minimize slopes, and water bars will be installed on disturbed slopes in areas with unstable soils where seeding alone may not adequately control erosion. Erosion control efforts will be monitored by the Companies and necessary modifications made to control erosion.
- 7. Sufficient topsoil or other suitable material to facilitate revegetation will be segregated from subsoils during all construction operations requiring excavation and will be returned to the surface upon completion of operations. Soils compacted during construction will be ripped and tilled as necessary prior to resceding. Cut and fill sections on all roads and along pipelines will be revegetated with native species.
- 8. Any accidental soil contamination by spills of petroleum products or other hazardous materials will be cleaned up by the Companies and the soil disposed of or rehabilitated according to applicable rules.
- 9. BBC will restrict off-road vehicle (ORV) activity by employees and contract workers to the immediate area of authorized activity or existing roads and trails.

2.8 RECLAMATION

- 1. BBC's reclamation goals will emphasize: 1) protection of existing native vegetation; 2) minimal disturbance of the existing environment; 3) soil stabilization through establishment of ground cover; and 4) establishment of native vegetation consistent with land use planning.
- 2. All reclamation will be accomplished as soon as possible after the disturbance occurs with efforts continuing until a satisfactory revegetation cover is established.
- 3. Seed mixtures for reclaimed areas will be site-specific, composed of native species, and will include species promoting soil stability. A pre-disturbance species composition list will be developed if the site includes several different plant communities. Livestock palatability and wildlife habitat needs will be given consideration during seed mix formulation. BLM Manual 1745, Introduction, Transplant, Augmentation, and Reestablishment of Fish, Wildlife, and Plants, and Executive Order No. 11987, Exotic Organisms, will be used as guidance.
- 4. Interseeding, secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provision will be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures will occur on areas where initial reclamation efforts are unsuccessful.
- 5. Any mulch used by BBC will be weed free and free from mold, fungi, or noxious weed seeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting, and rock. Straw mulch will contain fibers long enough to facilitate crimping and provide the greatest cover.

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- 6. BBC will be responsible for the control of all noxious weed infestations on disturbed surfaces. Aerial application of chemicals will be prohibited within 0.25 mile of special status plant locations, and hand application will be prohibited within 500 feet. Herbicide application will be monitored by the AO.
- 7. Recontouring and seedbed preparation will occur immediately prior to reseeding on the unused portion of wellpads, road ROWs, and entire pipeline ROWs outside of road ROWs. In the event of uneconomical wells, BBC will initiate reclamation of the entire wellpads, access road, and adjacent disturbed habitat as soon as possible. BBC assumes the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which results in the proper reclamation of disturbed lands. BBC will monitor reclamation to determine and ensure successful establishment of vegetation. No consent to termination of any bond will be given by the AO until all the terms and conditions of the approved permit(s) have been met.
- 8. Proper erosion and sediment control structures and techniques will be incorporated by the Companies into the design of wellpads, roads, pipelines, and other facilities. Revegetation using a BLM-approved, locally adapted seed mixture containing native grasses, forbs, and shrubs will begin in the first appropriate season following disturbance. Vegetation removed will be replaced with plants of equal forage value and growth form using procedures that include:
 - · fall reseeding (September 15 to freeze-up), where feasible;
 - spring reseeding (April 30 May 31) if fall seeding is not feasible;
 - deep ripping of compacted soils prior to reseeding;
 - · surface pitting/roughening prior to reseeding;
 - · utilization of native cool season grasses, forbs, and shrubs in the seed mix;
 - · interseeding shrubs into an established stand of grasses and forbs at least one year after seeding:
 - appropriate, approved weed control techniques;
 - · broadcast or drill seeding, depending on site conditions; and
 - fencing of certain sensitive reclamation sites (e.g., riparian areas, steep slopes, and areas within 0.5 mile of livestock watering facilities) as determined necessary through monitoring.
- BBC will monitor noxious weed occurrence on the project area and implement a noxious weed control program in cooperation with BLM. Weed-free certification by county extension agents will be required for grain or straw used for mulching revegetated areas.

2.9 CANDIDATE PLANTS/SPECIAL STATUS PLANTS

- 1. Herbicide applications will be kept at least 500 feet from known special status plant species populations or other distances deemed safe by the AO.
- 2. Wellpads and associated roads and pipelines will be located to avoid or minimize impacts to areas of high value (e.g., special status plant species habitats, wetland/riparian areas).

2.10 WATERSHEDS

1. Crossings of ephemeral, intermittent, and perennial streams associated with road and utility line construction will generally be restricted until normal flows are established after spring runoff.

2.11 GEOLOGICAL/PALEONTOLOGICAL RESOURCES

- Wells, pipelines, and ancillary facilities will be designed and constructed such that they will not be damaged by moderate earthquakes. Any facilities defined as critical according to the Uniform Building Code will be constructed in accordance with applicable Uniform Building Code Standards for Seismic Risk Zone 2B.
- 2. If paleontological resources are uncovered during surface-disturbing activities, BBC will suspend operations at the site that will further disturb such materials and immediately contact the AO, who will arrange for a determination of significance, and, if necessary, recommend a recovery or avoidance plan.

2.12 CULTURAL/HISTORICAL RESOURCES

- 1. BBC will follow the cultural resources and recovery plan for the project.
- 2. If cultural resources are located within frozen soils or sediments that preclude the possibility of adequately recording or evaluating the find, construction work will cease and the site will be protected for the duration of frozen soil conditions. Recordation, evaluation and recommendations concerning further management will be made to the AO following natural thaw. The AO will consult with the affected parties and construction work will resume once management of the threatened site has been finalized and the Notice to Proceed has been issued.
- 3. BBC will inform their employees, contractors and subcontractors about relevant federal regulations intended to protect archaeological and cultural resources. All personnel will be informed that collecting artifacts, including arrowheads, is a violation of federal law and that employees engaged in this activity may be subject to disciplinary action.

2.13 WATER RESOURCES

- 1. BBC will maintain a complete copy of the SPCC Plan at each facility if the facility is normally attended at least 8 hours per day, or at the nearest field office if the facility is not so attended (40 CFR 112.3(e)).
- 2. BBC will implement and adhere to SPCC Plans in a manner such that any spill or accidental discharge of oil will be remediated. An orientation will be conducted by the Companies to ensure that project personnel are aware of the potential impacts that can result from accidental spills, as well as the appropriate recourse if a spill does occur. Where applicable and/or required by law, streams at pipeline crossings will be protected from contamination by pipeline shutoff valves or other systems capable of minimizing accidental discharge.
- 3. If reserve pit leakage is detected, operations at the site will be curtailed, as directed by the BLM, until the leakage is corrected.
- 4. BBC will case and cement all gas wells to protect subsurface mineral and freshwater zones. Unproductive wells and wells that have completed their intended purpose will be properly abandoned and plugged using procedures identified by BLM (federal mineral estate) and/or WOGCC (state and fee mineral estate).

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- 5. All water used in association with this project will be obtained from sources previously approved by the Utah State Engineer's Office.
- 6. Erosion-prone or high salinity areas will be avoided where practicable. Necessary construction in these areas will be timed to avoid periods of greatest runoff.
- 7. BBC will incorporate proper containment of condensate and produced water in tanks and drilling fluids in reserve pits, and will locate staging areas for storage of equipment away from drainages to prevent contaminants from entering surface waters.
- 8. Prudent use of erosion control measures, including diversion terraces, riprap, matting, temporary sediment traps, and water bars will be employed by the Companies as necessary. These erosion control measures will be used as appropriate to control surface runoff generated at wellpads. The type and location of sediment control structures, including construction methods, will be described in APD and ROW plans. If necessary, BBC may treat diverted water in detention ponds prior to release to meet applicable state or federal standards.
- 9. BBC will construct channel crossings by pipelines so that the pipe is buried at least 3 feet below the channel bottom.
- 10. Streams/channels crossed by roads will have culverts installed at all appropriate locations as specified in the BLM Manual 9112-Bridges and Major Culverts and Manual 9113-Roads. Streams will be crossed perpendicular to flow, where possible, and all stream crossing structures will be designed to carry the 25-year discharge event or other capacities as directed by the AO.
- 11. BBC will reshape disturbed channel beds to their approximate original configuration.
- 12. The disposal of all hydrostatic test water will be done in conformance with BLM Onshore Oil and Gas Order No. 7. BBC will comply with state and federal regulations for water discharged into an established drainage channel. The rate of discharge will not exceed the capacity of the channel to convey the increased flow. Waters that do not meet applicable state or federal standards will be evaporated, treated, or disposed of at an approved disposal facility.
- 13. BBC will prepare Storm Water Pollution Prevention Plans (SWPPPs) as required by WDEQ National Pollution Discharge Elimination System (NPDES) permit requirements on individual disturbances that exceed 5 acres in size or as required by future changes in regulations.
- 14. Any disturbances to wetlands and/or waters of the U.S. will be coordinated with the COE, and 404 permits will be secured as necessary prior to disturbance.
- 15. Where disturbance of wetlands, riparian areas, streams, or ephemeral/intermittent stream channels cannot be avoided, COE Section 404 permits will be obtained by BBC as required, and, in addition to applicable above-listed measures, the following measures will be applied where appropriate:
 - wetland areas will be crossed during dry conditions (i.e., late summer, fall, or dry winters);
 - streams, wetlands, and riparian areas disturbed during project construction will be restored to as near re-project conditions as practical and, if impermeable soils contributed to wetland formation, soils will be compacted to reestablish impermeability;
 - wetland topsoil will be selectively handled;
 - disturbed areas will be recontoured and BLM-approved species will be used for reclamation; and

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reclamation activities will begin on disturbed wetlands immediately after completion of project activities.

2.14 NOISE

1. All engines required for project activities will be properly muffled and maintained in accordance with state and federal laws.

2.15 WILDLIFE, FISHERIES, AND THREATENED AND ENDANGERED (T&E) SPECIES

- 1. To minimize wildlife mortality due to vehicle collisions, BBC will advise project personnel regarding appropriate speed limits in the project area. Roads no longer required for operations will be reclaimed as soon as possible. Potential increases in poaching will be minimized through employee and contractor education regarding wildlife laws. If wildlife law violations are discovered, the offending employee will be subject to disciplinary action by BBC.
- 2. BBC will protect (e.g., fence or net) reserve, workover, and production pits potentially hazardous to prohibit wildlife access as directed by BLM.
- 3. BBC will utilize wildlife-proof fencing on reclaimed areas in accordance with standards specified in BLM Handbook 1741-1, Fencing, if it is determined that wildlife are interfering with successful reestablishment of vegetation.
- 4. Consultation and coordination with USFWS and UDWR will be conducted for all mitigation activities relating to raptors and T&E species and their habitats, and all permits required for movement, removal, and/or establishment of raptor nests will be obtained.
- 5. BBC will adhere to all survey, mitigation, and monitoring requirements identified in the Biological Assessment prepared for this project.

2.16 LIVESTOCK/GRAZING MANAGEMENT

- 1. BBC will reclaim nonessential areas disturbed during construction activities in the first appropriate season after well completion.
- 2. Nonessential areas include portions of the wellpads not needed for production operations, the borrow ditch and outslope portions of new road ROWs, entire pipeline ROWs outside of road ROWs, and all roads and associated disturbed areas at nonproductive wells.
- 3. BBC will repair or replace fences, cattleguards, gates, drift fences, and natural barriers to current BLM standards. Cattleguards will be used instead of gates for livestock control on most road ROWs. Livestock will be protected from pipeline trenches, and livestock access to existing water sources will be maintained.
- 4. BBC will review livestock impacts from roads or disturbance from construction and drilling activities at least annually with livestock permittees and BLM. Appropriate measures will be taken to correct any adverse impacts, should they occur.

2.17 RECREATION

- 1. BBC will instruct employees, contractors, and subcontractors that camp sites on federal lands or at federal recreation sites must not be occupied for more than 14 consecutive days.
- 2. BBC will require that employees, contractors, and subcontractors abide by all state and federal laws and regulations regarding hunting.

2.18 VISUAL RESOURCES

- Pipeline ROWs will be located within existing ROWs whenever possible, and aboveground facilities
 not requiring safety coloration will be painted with appropriate nonreflective standard environmental
 colors (Carlsbad Canyon or Desert Brown, or other specified standard environmental colors) as
 determined by the AO. Topographic screening, vegetation manipulation, project scheduling, and
 traffic control procedures may all be employed, as practicable, to further reduce visual impacts.
- 2. Within VRM Class II areas, BBC will utilize existing topography to screen roads, pipeline corridors, drill rigs, wells, and production facilities from view where practicable. The Companies will paint all aboveground production facilities with appropriate colors (e.g., Carlsbad Canyon or Desert Brown) to blend with adjacent terrain, except for structures that require safety coloration in accordance with OSHA requirements.

2.19 HEALTH AND SAFETY/HAZARDOUS MATERIALS

- BBC will utilize BLM-approved portable sanitation facilities at drill sites; place warning signs near
 hazardous areas and along roadways; place dumpsters at each construction site to collect and store
 garbage and refuse; ensure that all refuse and garbage is transported to a State-approved sanitary
 landfill for disposal; and institute a Hazard Communication Program for its employees and require
 subcontractor programs in accordance with OSHA (29 CFR 1910.1200).
- 2. In accordance with 29 CFR 1910.1200, a Material Safety Data Sheet for every chemical or hazardous material brought on-site will be kept on file BBC's field offices.
- 3. Chemicals and hazardous materials will be inventoried and reported by BBC in accordance with the SARA Title III (40 CFR 335). If quantities exceeding 10,000 pounds or the threshold planning quantity are to be produced or stored, BBC will submit appropriate Section 311 and 312 forms at the required times to the State and County Emergency Management Coordinators and the local fire departments.
- 4. BBC will transport and/or dispose of any hazardous wastes, as defined by the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, in accordance with all applicable federal, state, and local regulations.
- 5. BBC commits to the following practices regarding hazardous material containment,
 - All storage tank batteries that contain any oil, glycol, produced water, or other fluid which may constitute a hazard to public health or safety will be surrounded by a secondary means of containment for the entire contents of the largest single tank in use plus freeboard for precipitation, or to contain 110% of the capacity of the largest vessel. The appropriate containment and/or diversionary structures or equipment, including walls and floor, will contain

EA, West Tavaputs Plateau Drilling Program

B-13

any oil, glycol or produced water and shall be constructed so that any discharge from a primary containment system, such as a tank or pipe, will not drain, infiltrate, or otherwise escape to ground or surface waters before cleanup is completed.

- Treaters, dehydrators and other production facilities that have the potential to leak or spill oil, glycol, produced water, or other fluid which may constitute a hazard to public health or safety, shall be placed on or within appropriate containment and/or diversionary structure to prevent spilled or leaking fluid from reaching ground or surface waters. The appropriate containment and/or diversionary structure will be sufficiently impervious to oil, glycol, produced water, or other fluid and will be installed so that any spill or leakage will not drain, infiltrate, or otherwise escape to ground or surface waters prior to completion of cleanup.
- Notice of any spill or leakage, as defined in BLM NTL 3A, will be immediately reported to the AO by the Companies as well as to such other federal and state officials as required by law. Oral notice will be given as soon as possible, but within no more than 24 hours, and those oral notices will be confirmed in writing within 72 hours of any such occurrence.

Applicant Committed Mitigation Measures Bill Barrett Corporation 2007-2008 Prickly Pear Winter Drilling EA

BBC would build all roads, pipelines and well pads prior to the start of the winter timing restrictions on November 1, 2007, assuming proper approvals have been received.

BBC would implement actions included in the Proposed Action as described in Section 2.4, Alternative C, of the West Tavaputs Drilling EA approved on July 24, 2004. Alternative C was selected as part of BLM's decision to implement the original drilling program.

Access roads would be maintained as necessary to prevent erosion and accommodate year-round traffic. The roads would be maintained in a safe and useable condition, and to ensure proper drainage. All roads and other applicable surface disturbing activities would conform, as practicable, to the standards outlined in The Gold Book and Price Field Office's Hydrological Modification Standards for Roads.

No surfacing material would come from Indian lands or off-lease federal lands. BBC would use any excess rock from construction of the pad for surfacing the access road, as necessary. Any additional materials needs would come either from existing State of Utah School and Institutional Trust Lands Administration (SITLA) Materials Permits (334, 385, and 396) or from federal wells within the Prickly Pear unit.

All surface disturbing activities would be supervised by a qualified company representative to ensure the terms and conditions of the APD, as well as specifications in the approved plans, are complied with.

All cut and fill slopes would be constructed so that their stability would be maintained for the life of the project. Diversion ditches or berms would be constructed, if necessary, around a well pad to prevent surface waters from entering or exiting the well site area. At least 2 ft of freeboard would be maintained within the reserve pit.

The stockpiled topsoil (first 6 inches or maximum available) would be stored in a windrow on the uphill side of the location. All topsoil would be stockpiled for reclamation in such a way as to prevent soil loss and impacts.

The well pads would be maintained to ensure that drainages are kept open and free of debris, ice and snow, and that surfaces are properly treated to reduce crosion, fugitive dust, and impacts to adjacent areas. Pits would remain fenced until they are reclaimed.

Pipelines would be buried within a 50-ft wide pipeline right-of-way using standard pipeline installation procedures. Proposed well pads and access roads would facilitate staging for pipeline construction. If the surface condition is such that it would require blasting to bury a pipeline, BBC would ask BLM for a waiver to the requirement for a buried pipeline, and instead request that the pipeline be placed on the surface.

The cultural inventory resulted in the identification of three previously recorded sites, all of which are evaluated as eligible to the National Register of Historic Places. Due to the proximity of two of the eligible prehistoric sites (42Cb2486 and 42Cb1928) to the interconnect pipeline ROW, all ground disturbances would be kept on the south side of the existing fence that parallels the pipeline to avoid site 42Cb2486. Temporary protective fencing would be placed around the boundary of 42Cb1928 to facilitate its avoidance. Finally, because of the potential for buried cultural features and the proximity of these two sites, monitoring of all ground disturbance activities would occur. The boundary of site 42Cb1733 along the interplanetary road would be fenced with temporary protective fencing prior to commencement of the project to protect this eligible cultural site.

BBC would have traffic monitors at the top and bottom of the Harmon Canyon road to control traffic to insure safety and give priority to non-oil and gas vehicles.

To better understand sage grouse utilization of winter habitat and the effect of other mitigation efforts, BBC would contribute \$10,000 to the UDWR to continue greater sage-grouse telemetry studies.

SITE SPECIFIC RECLAMATION PLAN PRICKLY PEAR UNIT FEDERAL 13-17-12-15

The following document provides plans for interim/reclamation of the Prickly Pear Unit Federal 13-17-12-15 well pad. The reclamation objective is to reestablish a desirable and diverse vegetative cover that would provide wildlife habitat, grazing, and other land uses comparable to those available prior to disturbance, as soon as is practicable after construction is completed on all portions of the pad not used for operations. Reclamation will also minimize potential for erosion and allow for invasion of the surrounding native vegetation.

ON-SITE CONDITIONS PRICKLY PEAR 13-17-12-15

This location is not constructed at this time. The area currently is a combination of mountain shrub, pinyon and juniper communities. Soil depth averages 14", with the A-horizon <1" and B-horizon 9".

The surface area contains approximately 80% of small rock; subsurface contained less than 10%. Topsoil salvage and the removal of existing vegetation will be implemented to maximize material for both interim and final reclamation. Vegetative debris (trees and shrubs) will be removed and stock piled adjacent to the pad where it will be used for interim reclamation. The topsoil will be windrowed and piled to facilitate easy distribution following the completion of the well.

The following reclamation procedures would be applicable for all interim and final reclamations.

SURFACE PREPARATION

Areas to be reclaimed would be recontoured to create topography conducive to re-vegetation and minimizing crosion potential. Channels would be constructed and riprap would be used as appropriate to minimize the potential for erosion. Once the contours were established and drainage in place, the entire disturbed area will be ripped perpendicular to the slope direction to a depth of 6-10 inches to facilitate root penetration. Following the ripping, any available topsoil (growth media) will be spread to a uniform depth over the entire area.

Existing native topsoil A&B horizons are not well defined. The A horizon is less then one inch and the B-horizon is approximately four inches. Approximately 14 inches of material (reference C horizon) has root penetration and would be a suitable growth media if supplemented with a slow release broad based fertilizer such as 16-16-8. The existing spoil pile is not suitable growth media and should be redistributed in a manner to facilitate a top dressing of two to six inches of growth media.

The reclaimed surface would not be smoothed out, but rather left rough, uneven, and pock-marked to create an uneven surface to diminish the likelihood of erosion (gullies and rills), capture precipitation, and enhance the success of revegetation.

Bill Barrett Corporation Reclamation Plan Page 2 of 4

The margins of the well pad location will be modified to create uneven fingers of undisturbed vegetation alternating into the margins along both sides of the disturbed area. This is done to diminish a straight line of contrast between disturbed and undisturbed land areas.

In addition, a large trackhoe would be used to excavate clumps of surrounding vegetation, (approximately 3' x 3' x 3') from random locations adjacent to the pad within 50 feet of disturbance and plant these clumps randomly over the disturbed area. Approximately 20 such clumps will be planted.

Any pre-existing vegetation, dead trees, large rocks, etc., would be put back on the recontoured surface to further enhance water retention, reduce crosion, provide shade, and make the site more aesthetically compatible with adjacent undisturbed areas.

REVEGETATION

Following surface preparation, the site would be reseeded with a drill seeder in areas that are relatively flat (less and 30% slopes). In areas with slopes in excess of 30% greater than a lateral distance of 50 feet, a wood fiber mulch in combination with a tackifer and fertilizer would be applied with a hydroseeder.

Drill Seeding

A drill secder would be the most effective method to establish vegetation on accessible areas. If a rangeland drill is used, the seed mix will be incorporated into the drill using correct depth and density of stocking for the various native species. If a conventional grain drill is used, the large seeds (primarily shrubs and some forbs) would need to be hand broadcast prior to drilling because the larger seeds tend to plug the drill and frequently result in poor distribution.

The site should be drilled in multiple, cross, overlapping patterns. This would eliminate the row crop appearance of the site. Depending on time of year when drill seeding is implemented, an application of approximately 200 lb/acre of a broad based, slow release fertilizer such as 16-16-8 will enhance establishment. If seeding is implemented in spring (March through May), the fertilizer would be spread concurrently with ripping the site. If planting is scheduled for fall, fertilizer would be spread the following spring after germination and when the plants have hardened off. The fertilizer would facilitate establishment of vegetation and increase survivability for the first two to three growing seasons.

Methodology-Seeding and Mulching

A hydro-seeder, capable of applying material at a minimum of 150 feet, would be used on steeper terrain to minimize damage to the prepared seedbed. The hydro-seeder would spray the majority of the site from the adjacent road or working area of the well pad. In areas too distant to spray from the pad, a hose line may be required. The hydro-seeder will avoid driving over a scarified area unless necessary.

Due to the semi-arid conditions in the project area, a two-phase application is recommended. The first phase would overspray the disturbed site with the BLM recommended seed mix in

Bill Barrest Corporation Reclamation Plan Page 3 of 4

combination with 100 lbs of wood fiber mulch, 40 lbs of organic tackifier, and 300 gallons of water per acre. This application would ensure seed/ground contact. The mulch provides a visual marker to ensure even coverage and consistent seed distribution. The organic tackifier binds the uppermost ¼ inch of soil in place to minimize erosion, and keeps the mulch and fertilizer in place on the steeper slopes.

The second phase would overspray 1,500-2,000 lbs of wood fiber mulch in combination with 200 lbs of 16-16-8 fertilizer/acre. On slopes greater than 50% an additional 40 lbs of organic tackifier would be added. The mulch overspray should follow the seed application within 24 hours to minimize depredation of seeds by birds and rodents.

Steep Areas (1:1 or Greater) (Excluding Rock Escarpments)

In addition to the hydro mulch mythology previously described, a wood fiber matrix at a rate of 2000 lbs per acre would be applied following the mulch application within 48 hours. Materials such as "Soil Card" will add one to three years of erosion protection while ensuring adequate time to allow germination and establishment of the native species.

The resceded and mulched areas would be allowed to dry for at least 12-24 hours, depending on weather conditions, before the site is walked on.

Seed Mix

The majority of the area is comprised of a vegetation type referred to as sage/grass/shrub. A primary objective of the reclamation effort is site stabilization; therefore, a species composition that provides rapid ground cover while allowing invasion of the surrounding native vegetation is desirable. The following seed mixes were also designed to create a stable diverse vegetative cover while maximizing the benefits to both wildlife and domestic stock and ensuring compatibility with the surrounding vegetation.

The seed mix within Table A is based on current technology and is submitted as a suggestion to the BLM.

Bill Barrett Corporation Reclamation Plan Page 4 of 4

Table A - Seed Mix

<u>Forbes</u>	<u>lbs</u>
Palmer Penstemon	0.5 lbs/acre
Golden Cryptantha	0.25 lbs/acre
Utah Sweet Vetch	0.5 lbs/acre
Yellow Sweet Clover ¹	2.0 lbs/acre
Lewis Flax	1.0 lbs/acre
<u>Grasses</u>	<u>lbs</u>
Indian Rice Grass	1.0 lbs/acre
Needle & Thread Grass	1.0 lbs/acre
Intermediate Wheat Grass	2.0 lbs/acre
Blue Gramma	0.5 lbs/acrc
Galletta	0.5 lbs/acre
Great Basin Wild Rye	2.0 lbs/acrc
Woody Plants	<u>lbs</u>
(4) Wing Salt Brush	2.0 lbs/acre
Winter Fat	0.5 lbs/acre
Wyoming Big Sage	0.25 lbs/acre
Utah Serviceberry	1.0 lbs/acre
79.4.4	
Total	15.0 lbs/acre

Yellow Sweet Clover is planted as a nurse crop to provide solar protection, soil binding and nitrogen fixing. It would normally be crowded out in two to three years.

TMC 1: Browse Hand Planting Tubeling Mixtures

One of the two browse species lists (checked below) are to be hand planted at the prescribed application rate and according to the following prescribed methods on areas that are undergoing long term reclamation. The would include all pipeline corridors, berm around edge of drill pads, miscellaneous disturbed areas associated with construction such as staging areas for equipment, sidecast on road cuts, along side upgraded or new roads up to and including borrow ditch and in the termination of redundant access roads being closed. This planting shall be completed in the first planting window following completion of construction and on all other disturbed areas upon final reclamation.

Planting Methods:

Planting shall be accomplished using a labor force with specific experience in landscape restoration, hand planting methods and handling and care of browse tubeling and or bareroot stock plants.

Browse plants to be utilized can be bareroot stock or tubeling stock plants of 1 year old age class or greater.

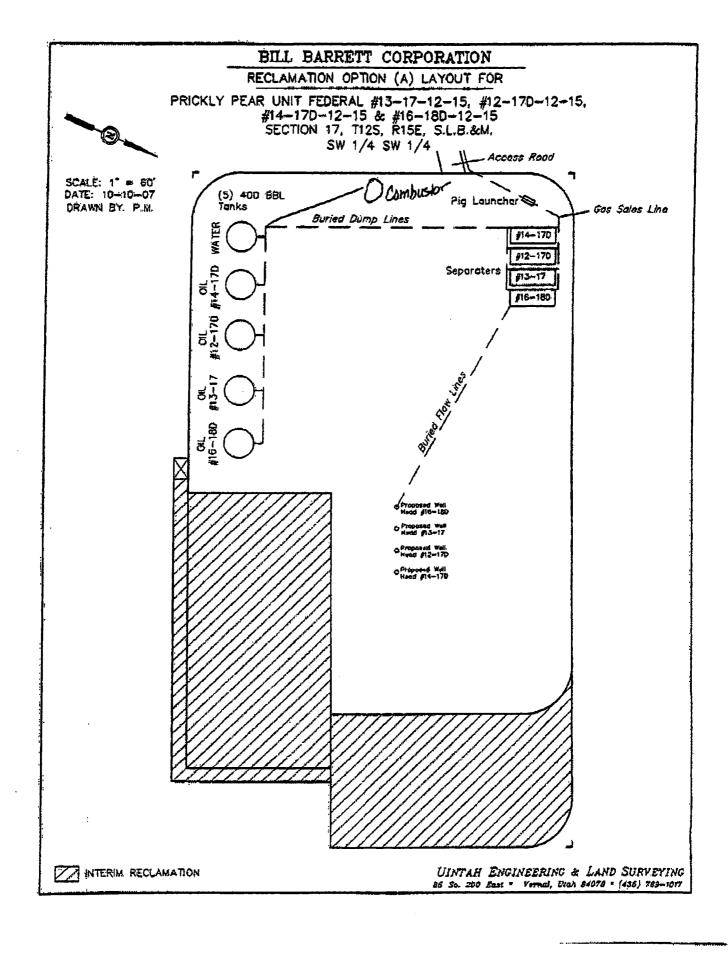
Browse seedling protectors will be used to provide protection from browsing ungulates for two years. Seedling protectors will be of an open mesh rigid design that will break down when exposed to sunlight and that measures a minimum of 12 inches in length and 4 inches in diameter.

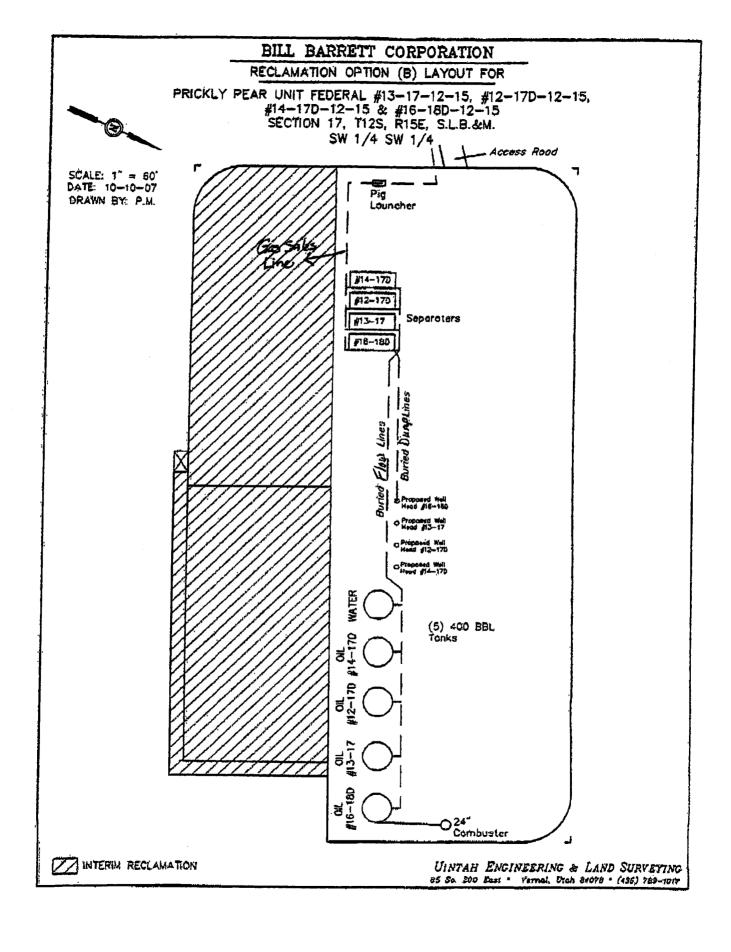
Planting shall be completed in the spring (March 1-April 1) and or fall (November 1-December 1) planting windows.

Browse plants shall be stored and handled in such a manner as to maintain viability, according to the type of browse stock being used.

Planting Species and Application Rate:

	[] Sagebrush-Grass [Pinyon-Juniper
Species	Plants Per Acre	
Wyoming Sagebrush (Gordon Creek)	100	50
Fourwing Saltbush (Utah seed source collected at or above 5,000 feet elevati	100 on)	50
True Mountain Mahogany (Utah seed source)	0	50
Antelope Bitterbrush (Utah seed source)	0	50
Total	200	200
Suitable Substitutions:		
Utah Serviceberry	no	50
Winterfat	100	no





C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

<u>Building Location</u>- Notify the Price Field Office at least 48-hours prior to commencing construction of location.

<u>Spud- Notify</u> the Price Field Office 24-hours prior to spud. Submit written notification (Sundry Notice, Form 3160-5) to the Moab Field Office within 24-hours after spud, regardless of whether using a dry hole digger or big rig.

<u>Daily Drilling Reports</u>- Daily drilling reports that describe the progress and status of the well shall be submitted to the Moab Field Office on at least a weekly basis. This report may be in any format customarily used by the operator.

Oil and Gas Operations Reports (OGORs)- Production from this well shall be reported to Minerals Management Service (MMS) on a monthly basis.

<u>Sundry Notices</u>- Any modification to the proposed drilling program shall be submitted to the Moab Field Office on a Sundry Notice (Form 3160-5). Regulations at 43 CFR 3162.3-2 describe which operations require prior approval, and which require notification.

<u>Drilling Suspensions</u>- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

<u>Undesirable Events</u>- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

<u>Cultural Resources</u>- If cultural resources are discovered during construction, immediately notify the Price Field Office, and work that might disturb the cultural resources shall cease.

<u>First Production</u>- A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Price Field Office.

Notify the Moab Field Office when the well is placed into production. Initial notification may be verbal, but must be confirmed in writing within five business days. Please include the date production started, the producing formation and production volumes.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, a *Well Completion or Recompletion Report and Log* (Form 3160-4) shall be submitted to the Moab Field Office within thirty-days after completion of the well. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

<u>Venting/Flaring of Gas</u>- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered to be shut-in until the gas can be captured or until approval to continue the venting/flaring pursuant to NTL-4A is granted. Compensation shall be due for gas that is vented/flared without approval.

<u>Produced Water-</u> An application for approval of a permanent disposal method and location will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No.7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling of production prior to the sales measurement point. The term "commingling" describes both the combining of production from different geologic zones and/or combining production from different leases or agreement areas.

<u>Plugging and Abandonment</u>- If the well is a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Sundry Notice, Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Price Field Office or the appropriate surface managing agency.

TABLE 1

NOTIFICATIONS

Notify Don Stephens (435-636-3608) or Walton Willis (435-636-3662) of the BLM Price Field Office for the following:

2 days prior to commencement of dirt work, construction and reclamation; (Stephens)

1 day prior to spud; (Willis)

50 feet prior to reaching the surface casing setting depth; (Willis)

3 hours prior to testing BOP equipment, (Willis)

If the person at the above number cannot be reached, notify the BLM Moab Field Office at 435-259-2100.

Well abandonment operations require 24-hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained from:

Eric Jones, Petroleum Engineer

Office: 435-259-2117

Home: 435-259-2214

Form 3160-5 (August 2007)

NT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

CONFIDENTIAL

RM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

Lease Serial No. UTU-73006

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit of CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on page 2. Prickly Pear / UTU-79487 1. Type of Well 8. Well Name and No. Prickly Pear Unit Federal 7-17D-12-15 Oil Well Other Z Gas Well 2. Name of Operator Bill Barrett Corporation 3b. Phone No. (include area code) 10. Field and Pool or Exploratory Area 3a Address 1099 18th Street, Suite 2300 Undesignated/Wasatch-Mesaverde 303-312-8134 Denver; CO 80202 11. Country or Parish, State 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NESE, 2089 FSL, 743 FEL Carbon County, UT Sec. 17, T12S-R15E 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Water Shut-Off Acidize Deepen Production (Start/Resume) Notice of Intent Well Integrity Reclamation Alter Casing Fracture Treat Other Spud New Construction Casing Repair Recomplete ✓ Subsequent Report Change Plans Plug and Abandon Temporarily Abandon Plug Back Water Disposal Final Abandonment Notice Convert to Injection 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) This sundy is being submitted as notification that this well was spud on 10/21/2007.

tfallang

e Environmental/Regula	tory Analyst
e 10/22/2007	
L OR STATE OFFIC	CE USE
Title	Date
Office	nake to any department or agency of the likely tracky fals
	L OR STATE OFFIC

fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Form 3160-5 (August 2007)

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No UTU-73006

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.		N/A	N/A		
SOBILITIN THE LICATE - Other manufactures on page 2.			7. If Unit of CA/Agreement, Name and/or No. Prickly Pear / UTU-79487		
1. Type of Well Oil Well Gas V				8. Well Name and No.	
2. Name of Operator Bill Barrett Corporation			9. API Well No.	nit Federal 7-17D-12-15	
3a. Address	3h	Phone No. (include area code	43-007-31289	ol or Exploratory Area	
1099 18th Street, Suite 2300 Denver, CO 80202		3-312-8134	1	Wasatch-Mesaverde	
4. Location of Well <i>(Footage, Sec., T.,</i> NESE, 2089' FSL, 743' FEL Sec. 17, T12S-R15E	R., M., or Survey Description)		11. Country or P. Carbon County		
12. CHEC	CK THE APPROPRIATE BOX(E	S) TO INDICATE NATURE	OF NOTICE, REPORT OR	OTHER DATA	
TYPE OF SUBMISSION		TYP	E OF ACTION		
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production (Start/Resur Reclamation Recomplete	water Shut-Off Well Integrity Other Weekly Activity	
	Change Plans	Plug and Abandon	Temporarily Abandon	Report	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal	d work and approximate duration thereof. If	
determined that the site is ready for Weekly Drilling Activity From 12/20/ Report #1-13	• ,				
				RECEIVED	
				IAN	
				JAN 1 4 2008 DIV. OF OIL, GAS & MINING	
				DIV. OF OIL GAS	
14. I hereby certify that the foregoing is Name (Printed/Typed)	rue and correct.			-, and a mining	
Tracey Fallang		Title Environm	ental/Regulatory Analyst		
Signature / March	Fillanes	Date 01/07/200	08		
	THIS SPACE FO	R FEDERAL OR STA	TE OFFICE USE		
Approved by					
A1130711014211111147	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Title		Date	
Conditions of approval, if any, are attached that the applicant holds legal or equitable					

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false,

(Instructions on page 2)

entitle the applicant to conduct operations thereon.

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Wellcore

Well: Prickly Pear Fed. #7-17D-12-15

Phase/Area: West Tavaputs

Operations Date: 12/21/2007

Report #

Bottom Hole Display SWNE-17-12S-15E-W26M

API #/License 43-007-31289

Depth At 06:00:

1820

Surface Location: NESE-17-12S-15E-W26M

Estimated Total Depth:

7818

Spud Date: 12/20/2007

Days From Spud :

Morning Operations : DRILLING

Remarks:

Time To

Description

7:00 AM

PRESSURE TEST CASING 1500 PSI FOR 30 MIN

7:30 AM

INSTALL WEAR RING

8:30 AM

COMPLETE RIG UP PICK UP DIRECTIONAL TOOLS

9:30 AM

PICK UP BHA

11:30 AM

LUBRICATE RIG, BOP DRILL FUNC. P.RAMS

12:00 PM 12:30 PM

INSTALL ROTATING RUBBER

1:30 PM

DRILL OUT PLUG FLOAT CEMENT SHOE

6:00 AM

DRILLING FROM 1033 TO 1820

Well: Prickly Pear Fed. #7-17D-12-15

Phase/Area: West Tavaputs

Operations Date: 12/20/2007

Report #

Bottom Hole Display

SWNE-17-12S-15E-W26M

API #/License

43-007-31289

Depth At 06:00: Estimated Total Depth: 1033 7818

Surface Location: NESE-17-12S-15E-W26M

Spud Date: 12/20/2007

Days From Spud:

Morning Operations: PRESSURE TEST CASING

Remarks:

Time To

Description

6:30 AM 8:00 AM

RIG DOWN HALLIBURTON SET SLIPS & CUT OFF CASING

9:30 AM

RIG DOWN

1:00 PM

SKID AHEAD TO 7-17

10:30 PM

RIG UP, NIPPLE UP BOP

6:00 AM

PRESSURE TEST BLIND RAMS, PIPE RAMS, INSIDE BOP, HCR, CHOKE LINE, MANNIFOLD, KILL LINE&VALVE CHECK TO 3000 PSI FOR 10 MIN. TEST ANNULAR TO 1500 PSI FOR 10 MIN.

**CHANGE OUT 1ST UPSTREAM 2 1/16" VALVE ON CHOKE

MANNIFOLD***

Wellcore

Well: Prickly Pear Fed. #7-17D-12-15

Phase/Area: West Tavaputs

API #/License

Operations Date: 12/23/2007

Report #:

4253

Bottom Hole Display SWNE-17-12S-15E-W26M

43-007-31289

Depth At 06:00: Estimated Total Depth:

7818

Surface Location: NESE-17-12S-15E-W26M

Spud Date : 12/20/2007

Days From Spud:

3

Morning Operations : DRILLING @ 4253.

Remarks:

Time To

Description

DSLTA

2:00 PM

DRLG F/ 3068 TO 3485.

SAFETY MEETING= WELDING ON RIG. WEATHER= 8 DEG CLEAR.

2:30 PM 6:00 AM RIG SERVICE, FUNCTION PIPE RAMS & ANN DRLG F/ 3485 TO 4253, BOP DRILL 60 SEC.

FUEL TODAY= 5161

USED=919

TOTAL=2151

WATER TODAY= 0 BBL

TOTAL=410

TUBLARS

Well: Prickly Pear Fed. #7-17D-12-15

Phase/Area: West Tavaputs

Operations Date: 12/22/2007

Report #:

Bottom Hole Display API #/License SWNE-17-12S-15E-W26M 43-007-31289

Depth At 06:00: Estimated Total Depth: 3068 7818

Surface Location: NESE-17-12S-15E-W26M

Spud Date: 12/20/2007

Days From Spud:

2

Morning Operations : DRILLING @ 3068

Remarks:

Time To

Description

12:00 PM

DRLG F/ 1820 TO 2139.

DRLG F/ 2139 TO 3068.

12:30 PM 6:00 AM

RIG SERVICE, FUNCTION PIPE RAMS.

DSLTA

SAFETY MEETING= WELDING ON RIG.

WEATHER= 8 DEG CLEAR.

FUEL TODAY= 1648

USED=1632

TOTAL=1632

WATER TODAY= 410 BBL

TOTAL=410

TUBLARS

Wellcore

Well: Prickly Pear Fed. #7-17D-12-15

Phase/Area: West Tavaputs

API #/License

Operations Date: 12/25/2007

Report # :

Bottom Hole Display SWNE-17-12S-15E-W26M

43-007-31289

5

Depth At 06:00:

SAFETY MEETING= MIXING MUD WEATHER= 10 DEG CLEAR.

5395

Surface Location: NESE-17-12S-15E-W26M

Spud Date: 12/20/2007

Days From Spud:

Description

Estimated Total Depth:

7818

Morning Operations : DRILLING @ 5395

Remarks: DSLTA

USED=1050

TOTAL=4702

TOTAL=11830

TUBLARS

FUEL TODAY= 7025

WATER TODAY= 400 BBL

Time To

6:30 AM

DRLG F/ 5101 TO 5108.

11:30 AM

TOOH XO BIT & MTR FUNCTION BOP.

3:00 PM

CUT DRLG LINE.

4:30 PM

TIH TO 3920 TIGHT HOLE.

6:00 PM

WA & RE F/ 3920 TO 4253.

7:30 PM 6:00 AM TIH, WASH 45 FT TO BTM. DRLG F/ 5108 TO 5395

Well: Prickly Pear Fed. #7-17D-12-15

Phase/Area: West Tavaputs

Operations Date: 12/24/2007

Report #

Bottom Hole Display SWNE-17-12S-15E-W26M

API #/License 43-007-31289

Depth At 06:00 Estimated Total Depth 5101 7818

Surface Location: NESE-17-12S-15E-W26M

Spud Date: 12/20/2007

Days From Spud:

Morning Operations: DRILLING @ 5101

Remarks:

Time To

Description

4:30 PM

DRLG F/4253 TO 4737.

5:00 PM

RIG SERVICE, FUNCTION PIPE RAMS & ANN.

6:00 AM

DRLG F/ 4737 TO 5101.

DSLTA SAFETY MEETING= MIXING MUD WEATHER= 8 DEG CLEAR. FUEL TODAY= 3660

USED=1501 TOTAL=3652

WATER TODAY= 1020 BBL

TOTAL=1430

TUBLARS

Page 4

Wellcore

Well: Prickly Pear Fed. #7-17D-12-15

Phase/Area: West Tavaputs

API #/License

Operations Date: 12/27/2007

Report #:

6744

Bottom Hole Display SWNE-17-12S-15E-W26M

43-007-31289

Depth At 06:00: Estimated Total Depth:

7818

Surface Location: NESE-17-12S-15E-W26M

Spud Date : 12/20/2007

Days From Spud:

Morning Operations : DRILLING @ 6744

Remarks:

Time To

Description

DSLTA

10:30 AM 11:00 AM

6:00 AM

DRLG F/6100 TO 6209.

DRLG F/6209 TO 6744

SAFETY MEETING= Forklift safety.

WEATHER= 2 DEG CLEAR. FUEL TODAY= 4045

USED=1685

TOTAL=7682

WATER TODAY= 800 BBL

TOTAL=12630

TUBLARS

Well: Prickly Pear Fed. #7-17D-12-15

RIG SERVICE, FUNCTION PIPE RAMS & ANN.

Phase/Area: West Tavaputs

Operations Date: 12/26/2007

Report # :

Depth At 06:00:

6100

Bottom Hole Display SWNE-17-12S-15E-W26M

API #/License 43-007-31289

Estimated Total Depth:

7818

Surface Location: NESE-17-12S-15E-W26M

Spud Date: 12/20/2007

Days From Spud:

Morning Operations : DRILLING @ 6100

Remarks:

Description

Time To 11:00 AM

DRLG F/ 5395 TO 5536.

11:30 AM

RIG SERVICE, FUNCTION PIPE RAMS & ANN, BOP DRILL 60

SEC.

6:00 AM

DRLG F/ 5536 TO 6100

DSLTA

SAFETY MEETING= Blowing down boiler.

WEATHER= 10 DEG CLEAR.

FUEL TODAY= 5730 USED=1295 TOTAL=5997

WATER TODAY= 0 BBL

TOTAL=11830 **TUBLARS**

Wellcore

Well: Prickly Pear Fed. #7-17D-12-15

Phase/Area: West Tavaputs

Operations Date: 12/29/2007

Report #:

10

Bottom Hole Display SWNE-17-12S-15E-W26M

API #/License 43-007-31289

Depth At 06:00 :

7770

Estimated Total Depth:

7818

Surface Location: NESE-17-12S-15E-W26M

Spud Date: 12/20/2007

Days From Spud:

Morning Operations: SHORT TRIP

Remarks:

Time To

Description

7:30 AM

TIH. WASH 40' TO BTM 5' FILL.

10:30 AM

DRLG F/ 7123 TO 7173.

11:00 AM

RIG SERVICE, FUNCTION PIPE RAMS & ANN. BOP DRILL 53

SEC

5:00 AM

DRLG F/ 7173 TO 7780

6:00 AM

SHORT TRIP TO 6500.

DSLTA

SAFETY MEETING= Picking up pipe WEATHER= - 2 DEG CLEAR.

FUEL TODAY= 5540

USED=1048

TOTAL=10186

WATER TODAY= 600 BBL

TOTAL=13230

Directional costs 2 days 3100 standby, 8 days 6200 day

rate, 10900 mob/demob.

Well: Prickly Pear Fed. #7-17D-12-15

Phase/Area: West Tavaputs

Operations Date: 12/28/2007

Report #

Bottom Hole Display API #/License SWNE-17-12S-15E-W26M 43-007-31289

Depth At 06:00

7123

Estimated Total Depth:

7818

Surface Location: NESE-17-12S-15E-W26M

Spud Date: 12/20/2007

Days From Spud:

Morning Operations : TIH W/ BIT #3

Remarks:

DSLTA

DRLG F/ 6744 TO 6914 RIG SERVICE, FUNCTION PIPE RAMS & ANN, BOP DRILL 61

Description

12:30 PM

9:30 PM

Time To

12:00 PM

DRLG F/6914 TO 7123.

1:30 AM

TOOH F/ BIT # 3, XO MTR, FUNCTION BLIND RAMS LY DN DIRECTIONAL TOOLS.

2:30 AM 6:00 AM

PU BIT #3 TIH.

SAFETY MEETING= Picking up pipe WEATHER= - 2 DEG CLEAR.

FUEL TODAY= 2589 USED=1456

TOTAL=9138

WATER TODAY= 600 BBL

TOTAL=13230

TUBLARS

REGULATORY DRILLING SUMMARY

Wellcore

Well: Prickly Pear Fed. #7-17D-12-15

Phase/Area: West Tavaputs

Operations Date: 12/31/2007

Report # :

Bottom Hole Display API #/License Depth At 06:00: SWNE-17-12S-15E-W26M 43-007-31289

7770

Estimated Total Depth:

7818

Surface Location: NESE-17-12S-15E-W26M

Spud Date: 12/20/2007

Days From Spud: 11

Morning Operations : RIG DOWN

Remarks:

Time To

Description

DSLTA

6:30 AM

RIG SERVICE

SAFETY MEETING= Lay dn dp.

10:30 AM

CIRC WAIT ON HALLIBURTON.

FUEL TODAY= 3500 USED=700

TOTAL=13950

1:30 PM

CMT 4.5 CSG, 3% POT CHLORIDE, .75% HALAD 322, .2% FWCA,

TOTAL=12080

3LMB SILICATE, .125 LMB POLYEFLAKE, 1 LMB GRAUNLITE,

WATER TODAY= 720 BBL

WEATHER= - 2 DEG CLEAR.

6.98 GAL FRESH WATER.

4:00 PM 6:00 AM NIPPLE DOWN SET SLIPS @ 110,000 RIG DOWN. RELEASE RIG @ 00:00 HRS

Phase/Area: West Tavaputs

Operations Date: 12/30/2007

Report #:

Depth At 06:00:

7770

11

Bottom Hole Display SWNE-17-12S-15E-W26M

Well: Prickly Pear Fed. #7-17D-12-15

43-007-31289

API #/License

Estimated Total Depth:

7818

Surface Location: NESE-17-12S-15E-W26M

Spud Date: 12/20/2007

Days From Spud:

Description

Morning Operations: CIRC 4.5 CSG, WAIT ON HALLIBURTON.

Remarks:

DSLTA

SAFETY MEETING~ Lay dn dp. WEATHER= - 2 DEG CLEAR.

FUEL TODAY= 4238

USED=1202

TOTAL=11388

WATER TODAY= 720 BBL

TOTAL=13950

Time To

SHORT TRIP.

7:00 AM

10:30 AM

CIRC & COND, WAIT ON LY DN TRUCK.

7:00 PM

LY DN DP & BHA.

7:30 PM

PULL WEAR RING

9:00 PM

WAIT ON CSG CREW.

4:00 AM

RU & RUN 4.5 CSG.

6:00 AM

CIRC RD CSG CREWS, WAIT ON HALLIBURTON.



16100 Table Mountain Parkway • Ste. 100 • Golden • CO • 80403 Telephone (720) 880-2000 • Fax (720) 880-0016 www.pason.com

> 43-007-31289 17 125 15e

January 9, 2008

Utah Division of Oil, Gas & Mining P.O. Box 145801 Salt Lake City, UT 84114-5801

RE: BILL BARRETT CORPORATION PRICKLY PEAR 7-17D-12-15 SEC. 17, T12S, R15E CARBON COUNTY, UT

To Whom It May Concern:

Enclosed is the final computer colored log for the above referenced well.

We appreciate the opportunity to be of service to you and look forward to working with you in the near future.

If you have any questions regarding the enclosed data, please contact us.

Sincerely,

Bill Nagél

Geology Manager Pason Systems USA

BN/alb

Encl: 1 Computer Colored Log.

Cc: Jake Gelfand, Bill Barrett Corp., Denver, CO.

RECEIVED
JAN 1 4 2008

Form 3160-5 (August 2007)

tfallang CONFIDENTIAL

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

		FORM APPROVED (1001-013)	
8.8	5. Lease Secial No.		

Date

Do not use this fo	OTICES AND REPORT orm for proposals to d Jse Form 3160-3 (APD	Irill or to re-enter a		e or Tribe Name			
SUBMIT	_	7. If Unit of CA/Agreement, Name and/or No. Prickly Pear / UTU-79487					
1. Type of Well Gas W	ell Other		8. Well Name and N Prickly Pear Unit	8. Well Name and No. Prickly Pear Unit Federal 7-17D-12-15			
Name of Operator Bill Barrett Corporation			9. API Well No. 43-007-31289				
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202 3b. Phone No. (303-312-8134			·	10. Field and Pool or Exploratory Area Undesignated/Wasatch-Mesaverde			
4. Location of Well <i>(Footage, Sec., T.,F</i> NESE, 2089 FSL, 743 FEL Sec. 17, T12S-R15E	R., M., or Survey Description)		11. Country or Paris Carbon County, U	'			
12. CHEC	K THE APPROPRIATE BOX(E	S) TO INDICATE NATU	RE OF NOTICE, REPORT OR OT	THER DATA			
TYPE OF SUBMISSION		Т	YPE OF ACTION				
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity Other Weekly Activity			
✓ Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete Temporarily Abandon	Report			
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal	A Marian			
determined that the site is ready for Weekly Completion Activity From 01 Report #1-4	final inspection.)	ned only after an requireme	mis, including reciamation, have or	een completed and the operator has			
				RECEIVED			
				FEB 9 4 2008			
				DIV. OF OIL, GAS & MINING			
14. I hereby certify that the foregoing is to Name (Printed/Typed) Tracey Fallang	rue and correct.	Title Enviro	nmental/Regulatory Analyst				
Signature Macu	4 Fallany	Date 01/31/	/2008				
	THIS SPACE FO	OR FEDERAL OR S	TATE OFFICE USE				
Approved by							

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Title

Office

entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would

Wellcore

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 1/16/2008

Report #:

AFE #: 14238D

Summary: St. Rig HLS run Cement Bond Log

holding 1000 psi on well to log.

End Time

Description

2:45 PM

3:30 PM 6:30 PM Nipple up HLS packoff to tbg head PU Cement bond log tools. RIH log well under 1000 psi on casing.

Cement Top. 244 ft.

11:59 PM

Set tbg hjead on well. Shut in

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 1/15/2008

Report #:

AFE # : 14238D

Summary: SI. HLS run RMT Log.

End Time

Description

9:30 AM

6:30 PM

HLS run RMT Logs.

.6:30 PM, HLS take Data to town & send in.

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 1/14/2008

Report #:

AFE #: 14238D

Summary: SI. Run Gyro Data Log. SI

End Time

Description

3:00 PM

9:00 PM

HLS, run Gyro/Data Log log from 100 ft. to 7642

11:00 PM

SI

Wellcore

Well Name: Prickly Pear Fed. #14-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SESW-17-12S-15E-W26M	43-007-3123

Ops Date: 1/17/2008

Report #:

AFE #: 14589D

Summary:

End Time

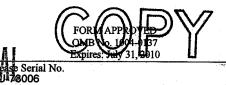
Description

Enter the description here

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

tfallang CONFIDENTIAL



SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

6. If Indian, Allottee or Tribe Name

abandoned well.	Use Form 3160-3 (A	APD) for su	ich proposa	nls.			
JUDINI IN INITUONIL — Culei ilibiruciichis dii page 2,					7. If Unit of CA/Agreement, Name and/or No.		
1. Type of Well					Prickly Pear / UTU-		
Oil Well Gas Well Other				8. Well Name and No. Prickly Pear Unit Federal 7-17D-12-15			
2. Name of Operator Bill Barrett Corporation					9. API Well No. 43-007-31289		
3a. Address		3b. Phone No	. (include area c	ode)	10. Field and Pool or I	Exploratory Area	
1099 18th Street, Suite 2300 Denver, CO 80202		303-312-813	34		Undesignated/Wasa	atch-Mesaverde	
4. Location of Well (Footage, Sec., T.,, NESE, 2089' FSL, 743' FEL Sec. 17, T12S-R15E	R.,M., or Survey Description	1)			11. Country or Parish, Carbon County, UT		
12. CHEC	K THE APPROPRIATE BO	OX(ES) TO INI	DICATE NATUR	E OF NOTIC	E, REPORT OR OTH	ER DATA	
TYPE OF SUBMISSION		· <u></u>	TY	PE OF ACT	ON		
Notice of Intent	Acidize	Deep Deep	en	✓ Produ	ction (Start/Resume)	Water Shut-Off	
Notice of Intent	Alter Casing	Frac	ture Treat	Recla	mation	Well Integrity	
[7] Subarrant B.	Casing Repair	☐ New	Construction	Reco	nplete	Other	
✓ Subsequent Report	Change Plans	Plue	and Abandon		orarily Abandon		
Final Abandonment Notice	Convert to Injection		Back		· Disposal		
compromised measurement occurs faces which eliminate the possibility If you have any questions or need fu	of dislodging and flowing	into the orifice				RECEIVED FEB 2 1 2008 DIV. OF OIL, GAS & MINING	
14. I hereby certify that the foregoing is tr Name (Prinited/Typed) Tracey Fallang	ue and correct.		Title Environr	nental/Regu	atory Analyst		
Signature Hally	Fallane		Date	2/20	108		
U	THIS SPACE	FOR FEDE	RAL OR ST	ATE OFF	CE USE		
Approved by	And the second s					4.1.	
			Title		D	ate	
Conditions of approval, if any, are attached hat the applicant holds legal or equitable ti antitle the applicant to conduct operations the	le to those rights in the subjec					464	
Title 18 U.S.C. Section 1001 and Title 43 I	ISC Section 1212 make it a	crime for any ne	reon knowingly a	ad willfully to	make to any department	or against of the United States and folso	

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August 2007)

(Instructions on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

tfallang CONFIDENTIAL

0	ONFIDENTIAL APPROVED OMB No. 1091-01 37. Expires: July 31, 2010	
	5. Lease Serial No. UTU-73006	
	6. If Indian, Allottee or Tribe Name	

SUNDRY NOTICES AND REPORTS ON WELLS

	orm for proposals t Use Form 3160-3 (A				N/A		
SUBMIT	IN TRIPLICATE - Other	instructions or	n page 2.		7. If Unit of CA/Agre Prickly Pear / UTU-		me and/or No.
Oil Well Gas Well Other					8. Well Name and No Prickly Pear Unit Fe		7D-12-15
					9. API Well No. 43-007-31289		
3a. Address 1099 18th Street, Suite 2300		3b. Phone No.			10. Field and Pool or	•	-
Denver, CO 80202	·	303-312-8134	,		Undesignated/Was		averde ——————————
4. Location of Well (Footage, Sec., T., NESE, 2089' FSL, 743' FEL Sec. 17, T12S-R15E	R., M., or Survey Description	·)			11. Country or Parish Carbon County, UT		
i2. CHEC	K THE APPROPRIATE BO	X(ES) TO IND	ICATE NATUR	E OF NOTIC	E, REPORT OR OTH	ER DATA	
TYPE OF SUBMISSION			TY	PE OF ACT	ION		
Notice of Intent ✓ Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	New	en are Treat Construction and Abandon	Recla	uction (Start/Resume) mation mplete porarily Abandon	□w	ater Shut-Off ell Integrity ther Weekly Activity Report
Final Abandonment Notice	Convert to Injection	Plug	Back	☐ Wate	r Disposal		
determined that the site is ready for Weekly Completion Activity From 02 Report #5-9	•					FEB 2	EIVED 1 2008 GAS & MINING
14. I hereby certify that the foregoing is tr Name (Printed/Typed)	ue and correct.						
Tracey Fallang			Title Environ	mental/Regu	ılatory Analyst		
Signature July	Fallany		Date 02/19/20	008			
	THIS SPACE	FOR FEDE	RAL OR ST	ATE OFF	ICE USE		
Approved by	V		Title			Date	
Conditions of approval, if any, are attached that the applicant holds legal or equitable tientitle the applicant to conduct operations	tle to those rights in the subject		ertify				
Title 18 U.S.C. Section 1001 and Title 43 fictitious or fraudulent statements or repre	U.S.C. Section 1212, make it a			nd willfully to	make to any departmen	it or agency	of the United States any false,

Wellcore

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 2/13/2008

Report #:

AFE #: 14238D

Summary: SI. MIRU BWWC EL. PU perf guns

Perforate stage 1. MIRU HES frac.

End Time

Description

11:00 AM

1:00 PM

MIRU BWWC . EL stage 1 Price River. PU 10 ft. perf guns. RIH

correlate to short jt. run to perf depth check depth to casing collars. Perforate @ 7556-7566, 3 JSPF, 120 phasing, 23 gram charges, .430 holes. POOH

1:00 PM

SI

6:00 PM

MIRU HES frac.

Wellcore

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 2/14/2008

Report #:

6

AFE #: 14238D

Summary: SI. Safety Meeting. Frac stage 1. EL

stage 2. Frac #2. El stage 3. Frac #3. EL stage 4 broke EL wire strand pull off 4000

ft. cut off. Rehead EL El stage 4. Frac

#4. Shut in.

End Time

6:25 PM

Description

BWWC EL stage 4 Dark Canyon. PU HES CFP with 12 ft. perf guns. RIH correlate to short jt Broke wire strand on EL POOH cut off 4000 ft. of EL line. rehead EL, PU tools RIH correlate to short jt.. run to setting depth set CFP @ 7204 FT. PU Perforate @ 7161-7167, 7136,7140 & 7126-7128, 3 JSPF, 120 phasing, 23 gram charges,

.430 holes. POOH turn well over to frac.

7:20 PM HES Frac stage 4 Dark Canyon 70Q foam Frac. Load & Break @6,293 PSI @ 16.5 BPM. Avg. Wellhead Rate:32.98 BPM. Avg. Slurry Rate:13.45 BPM. Avg. CO2 Rate:18.18 BPM. Avg.

Pressure:5,478 PSI. Max. Wellhead Rate: 35.24 BPM. Max. Slurry Rate:20.26 BPM. Max. Co2 Rate: 23.83 BPM. Max. Pressure:5,692

PSI. Total Fluid Pumped:22.448 Gal. Total Sand in

Formation:90,400 lb.(20/40 White Sand) Co2 Downhole:139 tons. CO2 Cooldown:7 tons. ISIP:3,875 PSI. Frac Gradient: 0.98 psi/ft. Dropped 3 Perf balls in pad stage. and no balls in 2# sand stage. Successfully flushed wellbore with 50Q foam 50 bbl over flush with

500 gal. fluid cap.

7:30 AM

SIFN. drain up equip. frac time set at 8:30AM

Wellcore

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 2/14/2008

Report #:

AFE #: 14238D

Summary: SI. Safety Meeting. Frac stage 1, EL stage 2. Frac #2. El stage 3. Frac #3. EL stage 4 broke EL wire strand pull off 4000 ft. cut off. Rehead EL El stage 4. Frac

#4 Shut in

End Time

7:00 AM Shut in 7:30 AM

9:30 AM

Description

Safety meeting, frac. driving HES Frac stage #1 Price River70Q foam frac Load & Break

@4,088 PSI @ 5.5 BPM. Avg. Wellhead Rate:24.39 BPM. Avg. Slurry Rate: 9.98 BPM. Avg. CO2 Rate: 13.29 BPM. Avg. Pressure:4,577 PSI. Max. Wellhead Rate:25.95 BPM. Max. Slurry Rate:12.65 BPM. Max. Co2 Rate:16.4 BPM. Max. Pressure: 4,941 PSI. Total Fluid Pumped:19,333 gal Total Sand in Formation :80,000 lb. (20/40 White Sand) CO2 Downhole: 118 tons. CO2 Cooldown:10 tons. ISIP:3,767 PSI. Frac Gradient:0.92 psi/ft. Successully flushed wellbore with 50Q foam 50 BBL over flush with 500 gal. fluid cap.

11:00 AM

BWWC EI stage 2 Price River. PU HES CFP with 8 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @7470 ft. PU perforate @7374-7378 & 7338-7342, 3JSPF, 120 phasing, 23 gram charges, .430 holes. POOH turn well over to frac.

12:01 PM

HES Frac stage 2 Price River 70Q foam frac. Load & Break @ 6,171 PSI @18.6 BPM. Avg. Wellhead Rate:28.99 BPM. Avg. Slurry Rate:12.05 BPM. Avg. CO2 Rate:15.74 BPM. Avg. Pressure: 5,651 PSI. Max. Wellhead Rate:30.89 BPM. Max. Slurry Rate:15.14 BPM. Max. Co2 Rate:19.3 BPM. Max. Pressure:6,359 PSI. Total Fluid Pumped:17,283 gal. Total Sand in Formation:70,700 LB. (20/40 White Sand) CO2 Downhole:106 tons. CO2 Cooldown:10 tons. ISIP:3.363 PSI. Frac Gradient:0.89

psi/ft. Dropped Qty: 3 Perf balls in pad stage & 3 balls in 2# sand stage. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal, fluid cap.

1:30 PM

B WWC EL stage 3 Price River. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @7300 ft. PU perforate @ 7217-7227, 3 JSPF, 120 phasing, 23gram charges, 430

holes. POOH turn well over to frac-

2:30 PM

HES Frac stage 3 Price River 70Q foam frac. Load & Break @3,803 PSI @ 16.75 BPM. Avg. Wellhead Rate:19 BPM. Avg. Slurry Rate:8.07 BPM. Avg. CO2 Rate:10 BPM. Avg. Pressure:3,653 PSI. Max. Wellhead Rate: 20.88 BPM. Max. Slurry Rate: 10.14 BPM, Max. CO2 Rate:13.94 BPM, Max. Pressure:3,930 PSI. Total Fluid Pumped: 13,817 Gal. Total Sand in Formation:49,900 lb.(20/40 White Sand) CO2 Downhole:76 tons. CO2 Cooldown: 10 tons. ISIP:3,288 PSI. Frac Gradient:0.89 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid

Wellcore

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 2/16/2008

Report #:

8

AFE #: 14238D

Summary: SI. EL stage 5. Frac #5. EL stage 6.

Frac #6. EL stage 7. Frac stage 7 Flow

back stages 1-7

End Time 2:10 PM Description

HES frac stage 7 North Horn 70Q foam frac. Load & Break @5,493 PSI @ 14.7 BPM. Avg. Wellhead Rate:35.66 BPM. Avg. Slurry Rate:13.81 BPM. Avg. Co2 Rate:20.25 BPM. Avg. Pressure:4,898 PSI. Max. Wellhead Rate: 51.51BPM. Max. Slurry Rate:17.63 BPM. Max. CO2 Rate:37.25 BPM. Max. Pressure:5,747 PSI. Total Fluid Pumped:23,524 Gal. Total Sand in Formation:120,400 lb. (20/40 White Sand) CO2 Downhole:107 tons. CO2 Cooldown:10 tons. ISIP:3,811 PSI. Frac Gradient:1.04 psi/ft. Dropped Qty: of 3 perf balls in pad stage and 3 balls in 2# sand stage. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.

2:30 PM

Flow stages 1-7

2:20 PM

SI.

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 2/15/2008

Report #: 7

AFE #: 14238D

Summary: SI. Hot oil truck stuck on Harmond. Did

not heat frac water. SDFD

End Time

Description

6:00 AM

SI.

Hot Oil truck stuck on Harmond Did Not Heat Frac Water.

11:00 AM 7:00 PM

Pull Hot Oil truck up Harmond Heat Frac Water.

7:00 PM

Wellcore

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 2/16/2008

Report #:

AFE #: 14238D

Summary: SI. EL stage 5. Frac #5. EL stage 6.

Frac #6. EL stage 7. Frac stage 7 Flow

back stages 1-7

End Time

SI. 6:00 AM

7:00 AM

BWWC El Stage 5 Dark Canyon PU HES CFP with 12 ft. perf guns. RIH correlate to short it. run to setting depth set CFP @ 7050 ft. PU Perforate @ 6977-6980, 6958-6962, 6937-6939 & 6916-6919, 3JSPF, 120 phasing, 23 gram Charges, .430 holes. POOH turn

Description

well over to frac.

9:10 AM

HES Frac stage 5 Dark Canyon 70Q foam Frac. Load & Break @5,335 PSI @18.6 BPM. Avg. Well Rate: 33.43BPM. Avg. Slurry Rate: 13.5 BPM. Avg. Co2 Rate: 18.48 BPM. Avg. Pressure: 4,917 PSI. Max. Wellhead Rate35.5: BPM. Max. Slurry Rate: 18.19 BPM. Max. CO2 Rate:24.42 BPM. Max. Pressure: 5,265 PSI. Total Fluid Pumped: 27,005 Gal. Total Sand in Formation:119,900 lb.(20/40 White Sand) CO2 Downhole:170 tons. CO2 Cooldown:6 tons. ISIP:3,411 PSI. Frac Gradient: 0.93 psi/ft. Dropped Qty: 3 perf balls in pad stage and 3 Balls in 2# sand stage. Pumped Tracer sand Pad stage Sb-124 solid LDZW, 1&2 # sand stages Sc-46 solid ZW. 3 # sand stages, Ir-192 solid ZW, Successfully flushe

10:10 AM

BWWC EL stage 6 North Horn. PU HES CFP with 8 ft. perf guns. RIH correlate to short it. run to setting depth set CFP @ 6908 PU perforate @ 6872-6880, 3JSPF, 120 phasing, 23 gram charges, .430

holes. POOH turn well over to frac.

11:10 AM

HES Frac stage 6 North Horn 70Q foam frac. Load & Break @5,737 PSI @17.3 BPM. Avg. Wellhead Rate:19 BPM. Avg. Slurry Rate:8 BPM. Avg. Co2 Rate: 10.17 BPM. Avg. Pressure:4,482 PSI. Max. Wellhead Rate:21.78 BPM. Max. Slurry Rate:10.22 BPM. Max. CO2 Rate:14.43 BPM. Max. Pressure:4,705 PSI. Total Fluid Pumped: 13,809 Gal. Total Sand in Formation:49,800 lb.(20/40 White Sand) CO2 Downhole:78 tons. CO2 Cooldown:10 tons. ISIP:3,582 PSI. Frac Gradient:0.96 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.

12:30 PM

BWWC EL stage 7 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6420 ft. PU perforate @ 6320-6325 & 6283-6288 3 JSPF, 120 phasing, 23 gram

charges, .430 holes. POOH turn well over to frac.

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 2/17/2008

Report #:

AFE #: 14238D

Summary: Flow stages 1-7. St. El stage 8. Frac #8.

EL stage 9. Frac #9. EL stage 10. Frac #10. El stage 11. Frac #11. El stage

End Time 12:30 PM Description

#10. EL stage 11. Frac #11. EL stage 12. Frac #12. Flow stages 1-12 HES Frac stage 10 North Horn 70Q foam Frac. Load & Break @4,165 PSI @ 18.8 BPM. Avg. Wellhead Rate: 18.94 BPM. Avg. Slurry Rate:7.99 BPM. Avg. CO2 Rate:9.46 BPM. Avg. Pressure:3,623 PSI. Max. Wellhead Rate:20.91 BPM. Max. Slurry Rate:10.04 BPM. Max. CO2 Rate:13.48 BPM. Max. Pressure:3,823 PSI. Total Fluid Pumped: 10.082 Gal. Total Sand in Formation:30,100 lb. (20/40 White Sand) CO2 Downhole:55 Tons. Co2 Cooldown:8 tons. ISIP:3,003 PSI. Frac Gradient:0.96 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.

2:20 PM

HES Frac stage 11 North Horn 70Q foam frac. Load & Break @3,136 PSI @ 16.7 BPM. Avg. Wellhead Rate:19.67 BPM. Avg. Slurry Rate:8.08 BPM. Avg. C02 Rate: 9.96 BPM. Avg. Pressure:3,358 PSI. Max. Wellhead Rate:22.02 BPM. Max. Slurry Rate:10.44 BPM. Max. CO2 Rate: 12.94 BPM. Max. Pressure:3,512 PSI. Total Fluid Pumped:11.609 Gal. Total Sand in Formation:40.000 lb.(20/40 White Sand) CO2 Downhole:67 tons. CO2 Cooldown:10 tons. ISIP:2,807 PSI. Frac Gradient:0.96 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.

3:00 PM

BWWC El stage 12 M.Wasatch. PU HES CFP with 8 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5030 ft. PU Perforate @ 4945-4948, 4864-4866 & 4758-4761, 3JSPF, 120 phasing, 23 gram charges, .430 holes. POOH turn well over to frac.

4:10 PM

HES Frac stage 12 M.Wasatch 70Q foam Frac. Load & Break @4,876 PSI @24.4 BPM. Avg. Wellhead Rate: 34.23 BPM. Avg. Slurry Rate:13.93 BPM. Avg. CO2 Rate:17.65 BPM. Avg. Pressure:5,017 PSI. Max. Wellhead Rate:37.03 BPM. Max. Slurry Rate:17.77 BPM. Max. CO2 Rate:23.65 BPM. Max. Pressure:23.65 PSI. Total Fluid Pumped:16,437 Gal. Total Sand in Formation: 60,100 lb.(20/40 White Sand) CO2 Downhole:95 tons. CO2 Cooldown:10 tons. ISIP:2,371PSI. Frac Gradient:0.92 psi/ft. Dropped Qty: 3 perf balls in pad stage and 3 balls in 2# sand stage. Protech pump tracer sand Pad. SB-124 solid type LDZW, 1&2 # sand stage SC-46, solid, ZW. 3&4 # sand Ir-192 solid, ZW.

Successfully f

4:10 PM

Flow back stages 1-12

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 2/17/2008

Report #:

AFE #: 14238D

Summary: Flow stages 1-7. St. El stage 8. Frac #8.

EL stage 9. Frac #9. EL stage 10. Frac

#10. EL stage 11. Frac #11. EL stage

12. Frac #12. Flow stages 1-12

End Time

Flow stages 1-7 FCP: 480 psi on 48 ck.recovered 409 bbl in 14

hours avg. of BPH.

5:30 AM

7:00 AM

7:30 AM

4:00 AM

BWWC EI stage 8 North Horn. PU HES CFP with 10 ft. perf guns RIH correlate to short it. run to setting depth set CFP @ 6256 ft. PU perforate @ 6227-6230, 6177-6180 & 6125-6129, 3 JSPF, 120

Description

phasing, 23 gram charges. . 430 holes. POOH turn well over to frac. HES Frac stage 8 North Horn 70Q foam frac. Load & Break @4,593

PSI @ 16.8 BPM. Avg. Wellhead Rate:33.73 BPM. Avg. Slurry Rate:13.86 BPM. Avg. CO2 Rate:17.27 BPM. Avg.

Pressure:6,004 PSI. Max. Wellhead Rate:35.94 BPM. Max. Slurry

Rate:17,68 BPM. Max. CO2 Rate:23.27 BPM. Max.

Pressure:6,416 PSI. Total Fluid Pumped:29,373 gal. Total Sand in Formation: 130,300 lb.(20/40 White Sand) CO2 Downhole:158 tons. CO2 Cooldown:8 tons. ISIP:3,707 PSI. Frac Gradient:1.03

psi/ft. Did not drop perf balls due to treating PSI. Protechnics pumped tracer. iridium (Ir-192 ZW) Scandium (Sc-46 ZW) antimony (Sb-124 ZWLD). Successfully flushed wellbore with 50Q

foam 50 bbl over flush with

BWWC El stage 9 North Horn. PU HES CFP with 6 ft. perf guns. 9:40 AM RIH correlate to short it. run to setting depth set CFP @ 6080 ft. PU

perforate @ 5990-5996, 3 JSPF, 120 phasing, 23 gram charges,

.430 holes. POOH turn well over to frac.

10:40 AM HES Frac stage 9 North Horn 70Q foam frac. Load & Break @6,354

PSI @16.5 BPM. Avg. Wellhead Rate:19.36 BPM. Avg. Slurry Rate: 7.99 BPM. Avg. Co2 Rate: 7.89 BPM. Avg. Pressure: 4,529 PSI. Max. Wellhead Rate:21.68 BPM. Max. Slurry Rate:10.09 BPM. Max. CO2 Rate: 14.26 BPM. Max. Pressure: 5,318 PSI. Total Fluid Pumped:11,789 gal. Total Sand in Formation: 40,000 lb. (20/40 White Sand) CO2 Downhole:63 tons. CO2 Cooldown:8 tons, ISIP; 3.441 PSI, Frac Gradient; 1.01psi/ft, Successfully

flushed wellbore with 50Q foam 50 BBL over flush with 500 gal. fluid

1:40 PM BWWC EL stage 11 North Horn. PU HES CFP RIH correlate to short

> jt. run to setting depth set CFP @5410 ft. PU perforate @ 5310-5320, 3JSPF, 120 phasing, 23 gram charges, 430 holes.

POOH turn well over to frac.

10:40 AM BWWC EL stage 10 North Horn. PU HES CFP with 8 ft. perf guns.

RIH correlate to shot jt. run to setting depth set CFP @ 5780 ft. PU perforate @5680-5688, 3JSPF 120 phasing 23 gram charges, .430

holes. POOH turn well over to frac.

Form 3160-5 (August 2007)

(Instructions on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

CONFI	PENTI	M nı	Lar-	TIAI		DOD!		
)R	VIUU AA				0	MA Expires	o 1004)0 July 31,	13
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SUNDRY NOTICES AND REPORTS ON WELLS

	form for proposals Use Form 3160-3 (A				N/A	
	I IT IN TRIPLICATE – Othe	er instructions	on page 2.		7. If Unit of CA/Agree	ement, Name and/or No.
I. Type of Well Oil Well Gas Well Other			8. Well Name and No.	Well Name and No. Prickly Pear Unit Federal 7-17D-12-15		
Name of Operator Bill Barrett Corporation					9. API Well No. 43-007-31289	uciai 7-17D-12-13
3a. Address		3b. Phone N	lo. (include area c	ode)	10. Field and Pool or E	Exploratory Area
1099 18th Street, Suite 2300 Denver, CO 80202		303-312-8		•	Undesignated/Wasa	•
4. Location of Well <i>(Footage, Sec., T.</i> NESE, 2089' FSL, 743' FEL Sec. 17, T12S-R15E	,R.,M., or Survey Description	n)			11. Country or Parish, Carbon County, UT	State
12. CHE	CK THE APPROPRIATE BO	OX(ES) TO IN	IDICATE NATUI	RE OF NOT	ICE, REPORT OR OTHE	ER DATA
TYPE OF SUBMISSION			T	YPE OF AC	TION	
Notice of Intent	Acidize Alter Casing		epen acture Treat		duction (Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	☐ Ne	w Construction	Rec	omplete	Other Weekly Activity
	Change Plans	Plu Plu	g and Abandon	Теп	nporarily Abandon	Report
Final Abandonment Notice	Convert to Injection	Plu Plu	g Back	☐ Wa	ter Disposal	e and the second
Report #10-11						
14. I hereby certify that the foregoing is to Name (Printed/Typed)	rue and correct.					
Tracey Fallang			Title Environr	nental/Reg	ulatory Analyst	
Signature Macu	1 Fallancy	-	Date 03/05/20	008		
	THIS SPACE	FOR FEDE	RAL OR ST	ATE OF	ICE USE	
Approved by						
Conditions of approval, if any, are attached hat the applicant holds legal or equitable tientille the applicant to conduct operations to	tle to those rights in the subjecthereon.	t lease which w	ould Office		Da	
Title 18 U.S.C. Section 1001 and Title 43 fictitious or fraudulent statements or representations.	U.S.C. Section 1212, make it a	crime for any p	erson knowingly ar	nd willfully to	make to any department o	r agency of the United States any false,
(Instructions on page 2)	That is to any matter with	no juristitelit	au.	· · · · · · · · · · · · · · · · · · ·		MAR 0 7 2008

tfallang

Wellcore

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 2/18/2008

Report #:

AFE #: 14238D

Summary: Flow stages 1-12. SI. EL stage 13. Frac

#13. RDMO HES frac equip. BWWC

EL. Flow stages 1-13

End Time

4:00 AM

Description Flow stages 1-12 FCP:760 psi on 42 ck. recovered 331 bbl in 11

hrs. avg. of. BPH.

6:00 AM

7:00 AM

Shut in for EL work

BWWC EL stage 13 M. Wasatch. PU HES CFP with 9 ft. perf guns. RIH correlate to short it. run to setting depth set CFP @ 4710 ft. PU perforate @ 4618-4620, 4611-4614 & 4589-4593, 3 JSPF, 120 phasing, 23 gram charges, .430 holes. POOH turn well over to frac.

9:00 AM

HES Frac stage 13 M. Wasatch 70Q foam frac. Load & Break @3,468 PSI @ 16.8 BPM. Avg. Wellhead Rate:24.17 BPM. Avg. Slurry Rate:9.99 BPM. Avg. CO2 Rate: 12.19 BPM. Avg.

Pressure:3,566 PSI. Max. Wellhead Rate:26.47 BPM. Max. Slurry

Rate:12.65 BPM. Max. CO2 Rate:15.01 BPM. Max.

Pressure:4,203 PSI. Total Fluid Pumped: 15,869 Gal. Total Sand in Formation:50,800 lb(20/40 White Sand) CO2 Downhole:78 tons. CO2 Cooldown:10 tons. ISIP:2,172 PSI. Frac Gradient:0.91 psi/ft. Dropped Qty: 3 perf balls in pad stage and 3 balls in 2# sand stage. Successfully flushed wellbore with 50Q foam 50 bbl over flush with

500 gal. fluid cap.

11:00 AM

SI.

11:00 PM

Flow stages 1-13

3:00 PM Rig down BWWC El equipment. Rig down HES Frac Equipment

move out

Wellcore

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 2/19/2008

Report #:

AFE #: 14238D

Summary: Flow stages 1-13

End Time

Description

Enter the description here

NOTICE OF LATE REPORTING DRILLING & COMPLETION INFORMATION

Utah Oil and Gas Conservation General Rule R649-3-6 states that,

Operators shall submit monthly status reports for each drilling well (including wells where drilling operations have been suspended).

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - · A copy of electric and radioactivity logs, if run
 - · A copy of drillstem test reports.
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - · A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has no	ot received the required r	eports for
Operator: Bill Barrett Corp.	Today's Date	e: <u>04/21/2008</u>
Well: 43 007 31289 PPU Fed 7-17D-12-15 12S 15E 17	API Number:	Drilling Commenced:
✓ List Attached		
To avoid compliance action, required reports shown Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801	uld be mailed within 7 bu	siness days to:
If you have questions or concerns regarding this rat (801) 538-5260	matter, please contact R	achel Medina

Well File Compliance File

cc:

NOTICE OF LATE REPORTING DRILLING & COMPLETION INFORMATION

ATTACHMENT

Operator: Bill Barrett Corp. Today's Date: 04/21/2008

Well:	API Number:	Drilling Commenced:
PPU Fed 15-6D-13-17	4300731261	05/19/2007
PPU Fed 7-17D-12-15	4300731289	10/21/2007
PPU Fed 7-18D-12-15	4300731295	10/24/2007
PPU Fed 5-17D-12-15	4300731296	10/24/2007
PPU Fed 3-18D-12-15	4300731314	11/16/2007
PPU Fed 4-18-12-15	4300731315	11/16/2007
PPU Fed 5-18D-12-15	4300731316	11/16/2007
PPU Fed 6-18D-12-15	4300731317	11/16/2007
PPU Fed 16-18D-12-15	4300731312	11/17/2007

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

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6. If Indian, Allottee or Tribe Name

		to drill or to re-enter a NPD) for such proposa		N/A	
SUBMI	T IN TRIPLICATE – Other	instructions on page 2.	· · · · · · · · · · · · · · · · · · ·	7. If Unit of CA/Agree	•
1. Type of Well				Prickly Pear / UTU-7	9487
Oil Well Gas W	/ell Other			8. Well Name and No. Prickly Pear Unit Fed	deral 7-17D-12-15
Name of Operator Bill Barrett Corporation				9. API Well No. 43-007-31289	
3a. Address 1099 18th Street, Suite 2300		3b. Phone No. (include area co	ode)	10. Field and Pool or E	xploratory Area
Denver, CO 80202		303-312-8134		Undesignated/Wasa	tch-Mesaverde
4. Location of Well (Footage, Sec., T., NESE, 2089' FSL, 743' FEL	R., M., or Survey Description			11. Country or Parish,	State
Sec. 17, T12S-R15E				Carbon County, UT	
12. CHEC	K THE APPROPRIATE BO	X(ES) TO INDICATE NATUR	E OF NOTIO	CE, REPORT OR OTHE	R DATA
TYPE OF SUBMISSION		TY	PE OF ACT	ION	
Notice of Intent	Acidize	Deepen	Prod	uction (Start/Resume)	Water Shut-Off
	Alter Casing	Fracture Treat	Recla	amation	Well Integrity
Subsequent Report	Casing Repair	☐ New Construction	Reco	mplete	Other Weekly Activity
y subsequent report	Change Plans	Plug and Abandon	Temp	porarily Abandon	Report
Final Abandonment Notice	Convert to Injection	Plug Back		r Disposal	
13. Describe Proposed or Completed Of the proposal is to deepen directions Attach the Bond under which the way following completion of the involvent testing has been completed. Final addetermined that the site is ready for	ally or recomplete horizontal york will be performed or pro- ed operations. If the operation Abandonment Notices must	ly, give subsurface locations and ovide the Bond No. on file with I on results in a multiple completion	measured ar BLM/BIA. R on or recomp	nd true vertical depths of Lequired subsequent repo letion in a new interval,	all pertinent markers and zones. Orts must be filed within 30 days a Form 3160-4 must be filed once

tfallang

CONFIDENTIAL

Weekly Completion Activity From 04/11/2008 to 04/29/2008 Reports #18-36

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED MAY 0 2 2008

DIV OF OIL GAS & MINIMO

		DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tracey Fallang	Title Environmental/Regu	latory Analyst
Signature Macus Fallance	Date 05/01/2008	
THIS SPAGE FOR FEDER	RAL OR STATE OFF	ICE USE
Approved by		
	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or cer that the applicant holds legal or equitable title to those rights in the subject lease which wou entitle the applicant to conduct operations thereon.		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any per-	son knowingly and willfully to	make to any department or agency of the United States any false,



Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Description

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 4/11/2008

Report #:

18

AFE #: 14238D

Summary: Production. MIRU WSU. Top kill tbg. ND

Tree, NU BOPs. strip Slick line through TIWpump tee & wire line BOP. Turn

casing to sales. SDFN

End Time 1:00 PM

Production. Slick line stuck.

3:00 PM MI Rig up WSU

4:00 PM Top kill tbg with 8 bbl. ND tree. NU BOPs.

4:00 PM Strip slick line through TIW valve, pump in tee, slick line BOP.

4:30 PM Turn casing to sales

SDFN 4:30 PM



Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 4/13/2008

20 Report #:

AFE #: 14238D

Summary: FCP: 240 to sales. SITP: 300. Safety meet. RIH with spear made 12 runs. recovered 1000 ft. slick line. rig down sand line. Slick line top @ 1200 ft. top kill tbg. nipple up stripper head, remove

tbg hanger. SDFWE

End Time

7:30 AM

11:30 AM

12:00 PM

12:30 PM

12:30 PM 3:00 PM

3:00 PM

3:00 PM

7:00 AM

Safety Meeting, triping, fishing slick line. Top kill tbg. TIH with wire spear on Rig sand line. made 12 runs in

hanger.

FCP: 240, SITP: 300

and out of tbg recovered 60 ft. slick line. RIH with wire spear recovered 1000 ft. slick wine wire. Wire top @

Description

1200 ft. in tbg.

Lay down sand line equipment. top kill tbg with 8 bbls.

Nipple down tree. Nipple up BOPs. and stripper head. Remove tbg

CSG to sales. Shut down for week end.

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 4/12/2008

Report #:

19

AFE #: 14238D

Summary: FC. Safety meeting, Winch on slick line. pulled 150 ft. fish line . recovered total of 85 ft. slick line.SDFN

End Time

9:30 AM

5:00 AM

5:00 AM

7:00 AM 7:30 AM

FCP: 340 psi

Safety meeting. working with slick line

8:00 AM Rig wench line to slick line. pulled up 150 ft. Hook slick line to Slickline truck truck could not pull line out of hole. 8:30 AM

> Hooked wench line to slick line. parted rope scoket on slick line bars. tools went down hole. recovered 75 ft. S.L. wire

Description

fish slick line with sand line, made 10 runs recovered 85 ft. of slick line. line top @ 125 ft in tbg

SDFN



Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

22

Ops Date: 4/15/2008

Report #:

AFE #: 14238D

Summary: FCP: 340, SITP; 400. top kill tbg. POOH with 5 stds. RIH with EL and spear. catch

fish. jar off slick line. POOH with EL. PU rods. spear slick line. Try to fish slick line. POOH no fish. Rig BWWC EL RIH

with spear POOH no slick line, SDFN

End Time

7:00 AM

7:30 AM 10:00 AM

Safety Meeting, PU Rods.

SICP: 400 FCP: 340 Open well. Top kill with 7 bbls. POOH with 5 stds 2-3/8 tbg. Rig EL RIH with EL and spear. to 1320 ft. catch

Description

slick line jar off line. Rig to run rods.

1:00 PM

PU spear, spang jars, PU 53= 3/4" rods, 1320 ft. work spear try to catch slick line. POOH with rods and spear, no wire line.

4:00 PM

TIH with spear with no wire stop. tag @ 1320 ft. work spear fell through . TIH to 1675 ft. no tag. POOH with rods. Rig EL line.

6:00 PM

Wire line with spear RIH to 3825 ft. no slick line tag. POOH with

spear. Rig down BWWC EL.

6:00 PM

SDFN

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 4/14/2008

Report #:

21

AFE #: 14238D

Summary: FCP: 460 Safety Meeting, MIRU

BWWC. top kill tbg. RIH with spear try to catch slick line. made 20 trys. RIH with 6 jts of tbg. Run EL tag slick line. try to catch slick line. pull off line. POOH with 8 jts. Run EL tag @ 1400 ft. pull slick line up to 1330 ft.pulled off. SDFN

End Time

7:00 AM

Flow casing. FCP: 460

7:30 AM

Safety Meeting. fishen slick line

6:00 PM

MIRU Black warrior EL. top kill tbg.with 8 bbls. RIH with spear, try to

catch slick line at 1200 ft. made 20 attemps to catch wirew line. TIH with 6 jts 2-3/8". RIH with EL tag at 1400 ft. Try to catch slick line. keep pulling off slick line. POOH with 8 jts. 2-3/8" tbg. Run in hole with EL tag at 1400 ft. pulled up to 1330 ft. pulled off slick

Description

line. catch and pull off slick line.

6:00 PM

Casing on sales. SDFN



Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

24

Ops Date: 4/17/2008

Report #:

AFE #: 14238D

Summary: FCP: 340 SIT. 350. Safety Meet. Lay down rods., tripping. RIH with Rods. POOH LD rods. POOH with 20stds tbg. Pull 2800 ft. slick line out. POOH with tbg top kill. PU 3-3/4 shoe, 1 jt wash pipe, jars. TIH to 4230 ft. could not work shoe down. POOH had slick line marks on out side of shoe.

End Time 7:00 AM

FCP: 340 SITP: 350

Safety Meeting: lay down rods, Tripping tbg

7:30 AM 9:30 AM

Open well top kill tbg with 8 bbls. TIH with 67 =3/4" Rods. POOH

Description

lay down rods.

9:30 AM Change over to tbg. POOH 20 stds. Slick Line in tbg.

10:30 AM Pull 2800 ft. of slick line out of tbg.

11:30 AM Top kill casing with 40 bbls. POOH with tbg.

PU 3-3/4" wash shoe, 1 jt . 3.625"wash pipe. top sub, 2-3/8 X 2-3/8

Reg. 3-1/8" oil jars, tbg sub. TIH tag @ 4230

3:30 PM Try to work wash pipe ocer slick line could not make hole. Top kill

tbg 10 bbls.

5:30 PM POOH with tbg and BHA. slick line marks on out side of wash shoe

on bottom.

5:30 PM SDFN. Turn casing to sales

5:30 PM

1:30 PM

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 4/16/2008

Report #:

23

AFE # : 14238D

Summary:

End Time

Description

Enter the description here



Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 4/19/2008

Report #: 26

AFE #: 14238D

Summary: FC. Safety Meeting, Fishen slick line.

PU spear TIH tag work jars and spear.

up hole to 5440. SDFN..

POOH stuck tbg and BHA @ 5526. jar

7:00 AM

End Time

FCP: 340

7:30 AM

11:30 AM

3:00 PM

3:00 PM

Safety Meeting: fishen slick line

PU spear, X over sub with cable stop, tbg jars, 8 ft. sub. TIH

with BHA tag @ 7523 ft. work and jar on slick line jar free. POOH to 5526 ft stuck tbg and BHA. jar up hole to 5440 ft. 166 jts.

Description

stuck could not move BHA. in hole.

SDFN.. (cut off tbg.)

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 4/18/2008

Report #:

25

AFE #: 14238D

Summary: FCP. Safety Meet. top kill. TIH with

spear, jars, tbg. Tag. try to fish slick line. @ 4320 ft. POOH recovered 800 ft. slick line. TIH with spear. tag work spear

down hole 30 ft. POOH with spear. recovered 400 ft. slick line. SDFN **End Time**

7:00 AM

7:30 AM

8:00 AM 10:00 AM Safety Meet. Trip tbg., and spear.

Open well. Top kill with 40 bbls. PU Spear and Jars.

TIH with BHA. Tag slick line @ 4230 ft. work spear down hole to 4320 ft.

FCP: 400

1:00 PM

POOH with spear and jars. Recovered 800 ft. of slick line.

Description

3:00 PM

TIH tag @ 4570 ft. work spear down to 4800 ft.

5:00 PM

6:00 PM

POOH with tbg and BHA. recovered 400 ft. slick line.



Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNE-17-12S-15E-W26M	43-007-31289

Ops Date: 4/21/2008

Report #:

28

AFE #: 14238D

Summary: Flow casing. Safety Meet, PU spear jars TIH tag @ 5275. work spear to 5315 ft. POOH recovered 100 ft. slick line. TIH with spear jars, to 5315 ft. work spear to 5424. POOH recovered 75 ft. slck

line. SDFN.

End Time

7:00 AM 7:30 AM

FCP: 320

10:00 AM

Safety Meeting. fishen slick line PU spear, jars, X over, TIH with tbg. to 5275 ft. work spear down

hole to 5315 ft.

12:30 PM 3:30 PM

POOH with tbg and spear. Recoverd 100 ft. slick line. TIH with same BHA. tag @ 5315. work spear down hole to 5427

Description

5:00 PM

POOH with tbg and BHA. Recovered 75 ft. slick line.

6:00 PM

Casing to sales. SDFN

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License		
SWNE-17-12S-15E-W26M	43-007-31289		

27

Ops Date: 4/20/2008

Report #:

AFE #: 14238D

Summary: FC. Safety meet. TIH with chem cutter. cut tbg at 5427 ft, POOH RDMO EL POOH with tbg. PU 3-3/8" Over shot, basket grap. Bumper sub. X over TIH tag at 5285. POOH with collars and tbg over shot. SDFN.

End Time

7:00 AM 7:03 AM

FCP: top kill

Safety Meeting, EL. cut off tbg trip tbg.

7:03 AM

Top kill with 8 bbls. Rig BWWC

9:30 AM

tih WITH 1-11/16" CHEM. CUTTER. CUT OFF TBG AT 5427 FT.

Description

POOH RDMO EL.

11:00 AM 1:30 PM

POut off 3.53 ft.OH with t bg 166 jts. c

PU TIH with 3-3/4" Over shot, 2-3/8" basket grapple. Bumper sub. x-Over sub, 4 - 3-1/4" drill collars. X-over sub. jars, X-Over sub,

TIH tag at 5285 ft.

4:00 PM

POOH with tbg and collars, over shot,

4:00 PM

SDFN. Flow casing to sales



Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License		
SWNE-17-12S-15E-W26M	43-007-31289		

30

Ops Date: 4/23/2008

Report #:

AFE #: 14238D

Summary: safety meeting, Release over shot.

POOH. PU 3-3/4" shoe extensions jars, collars. TIH tag @ 5385. rig swivel &

foam unit, wash over from 5398 to 5402.

4 ft. SDFN

End Time

7:30 AM 8:00 AM

FCP: 210 release over shotg

POOH with tbg, intens, collars, B-sub, over shot,

10:00 AM 12:30 PM

PU 3-3/4" wave bottom shoe, 2-3-5/8" extensions, bit sub, Jars,

Description

X-over, collars 4-3-1/8", X over, TIH tag @ 5385

1:30 PM 7:00 PM Pickup power swivel. Foam unit

Wash over fish from 5398 to 5402, made 4 ft. blow well clean

Safety Meeting. release over shot, trip

7:00 PM

SDFN well to sales

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License		
SWNE-17-12S-15E-W26M	43-007-31289		

Ops Date: 4/22/2008

29 Report #:

AFE #: 14238D

Summary: FC. Safety meeting, top kill. PU cable spear, jars, TIH tag 5427, work spear, POOH no slick line. PU over shot, collars, jars, TIH catch fish @ 5427 ft. jar fish from 5427 to 5397. 30 ft. SDFN.

casint to sales,

End Time 7:00 AM

7:30 AM 8:00 AM

9:30 AM

11:30 AM 1:30 PM

5:30 PM

Flow casing to sales. FCP: 320 Safety meeting, trip, fishen, slick line. Top kill with 40 bbl. Pickup cable spear, X over sub, jars, X-over to tbg,

TIH with tbg and BHA. tag at 5427 ft. work spear catch slick line . POOH with tbg and BHA no slick line.

PU 3-3/4" over shot with 2-3/8" basket grap, bumper sub, 4=3-1/4"

drill collars, X-over sub, Intenafer, TIH tag at 5427. catch fish. Jar on fish from 5427 to 5497, moved fish uphole 30 ft. still stuck.

Description

5:30 PM

SDFN. put casing to sales for night



Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License			
SWNE-17-12S-15E-W26M	43-007-31289			

32

Ops Date: 4/25/2008

Report #:

AFE #: 14238D

Summary: FC. Safety meeting. top kill. PU 3-3/4" flat bottom mill. jars, TIH wash over fish. POOHwith tbg collars, jars, wash pipe. . PU over shot, Bumper sub, collars, TIH 129 jts. SDFN.

End Time

7:00 AM FCP: 320

7:30 AM Safety meet. trip, tbg, wash over fish.

Top kill casing with 40 bbls.

8:00 AM 9:00 AM PU 3-3/4" flat bottom mill, wash pipe, X-over sub, jars, collars,

11:00 AM TIH tag @ 5428 ft.rig swivel

2:00 PM Wash over fish from 5428 to 5432 ft. blow casing clean. rig down

swivel

4:00 PM POOH with tbg, collars, jars, wash pipe, lay down shoe.

6:00 PM PU 3-3/4" over shot, 2-3/8" grap, B-sub, X-over sub, 4-drill collars,

Description

Tensifer, X-Over sub, TIH with 129 joints, tbg.

6:00 PM **SDFN**

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License		
SWNE-17-12S-15E-W26M	43-007-31289		

31

Ops Date: 4/24/2008

Report #:

AFE #: 14238D

Summary: FC. Safety meeting, Wash over fish from 5427 to 5428, clean up wellbore. POOHwith wash pipe and BHA. shoe worn off.looked like was milling on wire stop. casing to sales. SDFN.

Weatherford had no backup shoe on Loc.

End Time

7:00 AM

7:30 AM

Flowing casing. 340 psi. Safety meeting. washovere fish.

10:30 AM Open well. Wash over fish, from 5427 to 5428 ft. made 1 ft.

11:00 AM

3:00 PM

Blow casing clean, rig down swivel POOH with BHA wash pipe. (shoe worn off. looked like milling on

Description

3:00 PM

Casing to sales. (Weatherford did not have backup shoe on loc.)

11:00 PM

SDFN



Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License		
SWNE-17-12S-15E-W26M	43-007-31289		

Ops Date: 4/27/2008

Report #:

34

AFE #: 14238D

Summary: Safety meet. POOH tight spot @ 1180. blow well with foam unit. finish POOH had slick wire 1 ft. long on tools. PU new shoe TIH to 5299ft. wash over fish 2 ft. fish came free, pull fish to 5313 ft. POOH with tbg & collars, wash pipe, no fish recovered. PU 3-3/4 over shot B-sub jars, collars. TIH 1000 ft. catch fish POOH to with cut off jt. jars, x-over, 1000 ft. slick line. SDFN

7:00 AM 7:15 AM

End Time

8:00 AM

FCP: 280

Safety Meeting, tripping, wash over. spear POOH TO 1180 FT. TIGHT SPOT. rig swivel

10:00 AM start foaming work fish free 10:30 AM Finish pulling out of hole.

11:30 AM TIH with new shoe, to 5299 ft, rig swivel

1:30 PM wash over fish from 5299 to 5301 fish started moving down hole.

free fish up

3:30 PM rig down swivel, POOH with tbg. collars, wash pipe, no fish

recovery. lay down wash pipe.

8:30 PM PU 3-3/4" over shot with 2-3/8" grap. B-sub, Jars, 4=4-3/4" drill collars, intenifer, TIH with tog to 1000 ft. catch fish. POOH with

BHA recovered 2-3/8 cut off jt. spear, jars, X-over, spear, 1000 ft.

Description

slick line.

8:30 PM SDFN. Casing to sales

11:59 PM flow casing to sales

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License		
SWNE-17-12S-15E-W26M	43-007-31289		

Ops Date: 4/26/2008

Report #:

33

AFE #: 14238D

Summary: FC. Safety Meet. top kill tbg. TIH catch fish @ 5391. jar fish up hole to 5281 release over shotPOOH lay down over shot. PU 3-3/4"wash shoe. TIH wash over fish two ft. shoe quit making hole. Blow well clean. SDFN casing to sales.

End Time

7:00 PM

7:00 AM Casing flowing to sales. FCP 280

7:15 AM Safety meeting. Jaring, fishen. tripping. 8:00 AM Top kill tbg. TIH tag @ 5391 ft.

10:30 AM Jar on fish, moved fish from 5391 to 5281, releases over shot

1:00 PM POOH with over shot, jars, collars.

4:30 PM PU 3-3/4" wash shoe, one jt wash pipe, Jars, collars. TIH tag fish @ 5298 FT.

> Rig power swivel, wash over fish from 5298 to 5300 ft. shoe stopped making hole. approx. 1-1/2 ft. to complety wash over

Description

fishen spear. Blow casing clean

7:00 PM flow casing to sales. SDFN



Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License			
SWNE-17-12S-15E-W26M	43-007-31289			

36

Ops Date: 4/29/2008

Report #:

AFE #: 14238D

Summary: FC: 280 psi. open well. PU spear wire stop, jars, top kill. TIH to 7625 ft. POOH no fish. PU 3-3/4" over shot, jars.B. sub.

collars. TiH to 7618 ft. catch fish work fish POOH with fishen tools. lay down

tools, collars. SDFN

End Time

7:00 AM 7:30 AM flow casing to sales.

Safety meeting. Tripping, fishen slick line

8:00 AM Top Kill with 30 bbls.

11:00 AM 1:30 PM

PU slick line spear, wire stop, jars. TIH tag at 7625 ft. 233 jts. POOH with tbg, spear. lay down spear. no fish recover. PU 3-3/4" over shot, 1-1/2" basket grap. Bumper sub, jars, collars. TIH with

Description

BHA catch fish ?. POOH with BHA,

3:30 PM

6:30 PM

Lay down fishen tools and collars, subs,jars, B-sub

6:30 PM

SDFN flow casing

Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License		
SWNE-17-12S-15E-W26M	43-007-31289		

Ops Date: 4/28/2008

Report #:

35

AFE #: 14238D

Summary: SDFWE. casing to sales

End Time 11:00 PM

SDFWE

Description

Page 1

(August 2007)

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137

N/A

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit of CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on page 2. Prickly Pear / UTU-79487 1. Type of Well 8. Well Name and No. Prickly Pear Unit Federal 7-17D-12-15 Oil Well ✓ Gas Well Other 2. Name of Operator Bill Barrett Corporation 9. API Well No. 43-007-31289 3b. Phone No. (include area code) 10. Field and Pool or Exploratory Area 3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202 Undesignated/Wasatch-Mesaverde 303-312-8134 4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) NESE, 2089 FSL, 743 FEL 11. Country or Parish, State Carbon County, UT Sec. 17, T12S-R15E 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Production (Start/Resume) Water Shut-Off Acidize Deepen Notice of Intent Reclamation Well Integrity Alter Casing Fracture Treat Other Weekly Activity Casing Repair **New Construction** Recomplete ✓ Subsequent Report Report Plug and Abandon Temporarily Abandon Change Plans Final Abandonment Notice Convert to Injection Plug Back Water Disposal

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Weekly Completion Activity From 04/30/2008 to 05/07/2008 Reports #37

> RECEIVED MAY 14 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tracey Fallang	Title Environmental/Regula	itory Analyst		
Signature Jacus Fallanes	Date 05/08/2008			
THIS SPACE FOR FED	ERAL OR STATE OFFI	CE USE		
Approved by				
•	Title	Date		
Conditions of approval, if any, are attached. Approval of this notice does not warrant o that the applicant holds legal or equitable title to those rights in the subject lease which entitle the applicant to conduct operations thereon.	or certify would Office			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Well Name: Prickly Pear Fed. #7-17D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License		
SWNE-17-12S-15E-W26M	43-007-31289		

Ops Date: 4/30/2008

Report #:

37

AFE #: 14238D

Summary : Flow casing, Safety meet. open well. PI bull plug 2-3/8" TIH 58 jts. install

bull plug 2-3/8" TIH 58 jts. install perforated sub, XN nipple, TIH 174 jts, land tbg on hanger, ND Bop, NU tree. flowtbg. RDMO WSU.

End Time 7:00 AM

ne

flow casing to sales

7:30 AM Safety meeting. tripping

8:00 AM

Open well. PU 2-3/8" bull plug.

11:00 AM

TIH with 58 jts 2-3/8" PU 2-3/8" perforated sub, XN nipple. TIH with 174 joints. 2-3/8" tbg. (2" Bull plug,2" collar, 2"X 2-3/8 EUE swedge, 58 jts 2-3/8" L-80 tbg, 2 ft. perf sub, X-nipple, 174 jts 2-3/8"

Description

L-80 tbg. Hanger, KB, landed @ 7586.84 ft.)

12:30 PM

Land tbg on hanger, Nipple down Weatherford BOPs. NU X-Mas

tree

2:00 PM

Flow tbg. Rig down Well service unit.

2:00 PM

Turn well to production

Form 3160-4 August 2007)

tfallang CONFIDENTIAL

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

Expires: July 31, 2010

5. Lease Serial No. WELL COMPLETION OR RECOMPLETION REPORT AND LOG If Indian, Allottee or Tribe Name Gas Well Dry Other
Work Over Deepen Plug Back Diff. Resyr., Oil Well la. Type of Well b. Type of Completion: New Well 7. Unit or CA Agreement Name and No. Prickly Pear / UTU-79487 Other: 8. Lease Name and Well No. 2. Name of Operator Bill Barrett Corporation Prickly Pear Unit Federal 7-17D-12-15 9. AFI Well No. 43-007-31289 3a. Phone No. (include area code) 3. Address 1099 18th Street, Suite 2300 303-312-8134 Denver, CO 80202 10. Field and Pool or Exploratory 4. Location of Well (Report location clearly and in accordance with Federal requirements)* Undesignated / Wasatch-Mesaverde 11. Sec., T., R., M., on Block and Survey or Area Sec. 17, T12S-R15E At surface NESE, 2089' FSL, 743' FEL 13. State 12. County or Parish At top prod. interval reported below SWNE, 2186' FNL, 1744' FEL, Sec. 17 UT At total depth SWNE, 2026' FNL, 1968' FEL, Sec. 17 Carbon County 17. Elevations (DF, RKB, RT, GL)* 16. Date Completed 02/17/2008 14. Date Spudded 10/21/2007 15. Date T.D. Reached 7417' ungraded ground Ready to Prod. 12/29/2007 D&A MD N/A 20. Depth Bridge Plug Set: MD 19. Plug Back T.D.: 18. Total Depth: MD 7770' TVD TVD TVD 7410' Yes (Submit analysis) Z No Was well cored? 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) ☑ No ☐ Yes (Submit report) Was DST run? Yes (Submit copy) Frible Combo, CCL/CBL/GR, Mud Log . DMF □ No Directional Survey? 23. Casing and Liner Record (Report all strings set in well) Slurry Vol. No. of Sks. & Stage Cementer Cement Top* Amount Pulled Top (MD) Bottom (MD) (BBL) Wt. (#/ft.) Size/Grade Type of Cement Hole Size Depth Surface arout cement 40' 65# O 20" 16" H40 82 bbls Surface 250 HLC 1033 36# O 9 5/8" J55 12 1/4" 38bbls 180 Premium 240' 1600 50/50 Poz 396 bbls 7760 n 4 1/2" P110 11.6# 8 3/4" & 7 7/8" **Tubing Record** Packer Depth (MD) Depth Set (MD) Size Depth Set (MD) Packer Depth (MD) Depth Set (MD) Size Packer Depth (MD) Size 2 3/8 7587 Perforation Record 25. Producing Intervals Perf Status No. Holes Size Perforated Interval Bottom Top Formation Open 0.43" 27 4589' - 4620' 6880' A) Wasatch (inc North Horn) 4589 24 Open 0.43" 4758' - 4948' B) Mesaverde 7566' 6916' 30 Open 0.43" 5310' - 5320' C 24 Open 0.43" 5680' - 5688' D) 27. Acid, Fracture, Treatment, Cement Squeeze, etc Amount and Type of Material Depth Interval Stage 13: 70% CO2 foam frac: 78 tons CO2; 579 bbls total fluid; 50,800# 20/40 White sand 4589' - 4620' Stage 12: 70% CO2 foam frac: 95 tons CO2; 567 bbls total fluid; 60,100# 20/40 White sand 4758' - 4948' Stage 11: 70% CO2 foam frac: 67 tons CO2; 430 bbls total fluid; 40,000# 20/40 White sand 5310' - 5320' Stage 10: 70% CO2 foam frac: 55 tons CO2; 403 bbls total fluid; 30,100# 20/40 White sand 5680' - 5688' 28. Production - Interval A Production Method Gas Water Oil Gravity Gas Oil Date First Test Date Hours Test Flowing Gravity BBL Corr. API MCF Tested Production BBL Produced O 0 2211 2/20/08 3/11/08 24 Well Status Gas/Oil Water Gas 24 Hr. Oil Choke Tbg. Press. Sg. Ratio **Producing** MCF BBL BBL Rate Press. Size Flwg. 0 2211 0 20/64" n 732 28a. Production - Interval B Production Method Oil Gravity Gas Water Test Date Test Oil Gas Hours Date First Gravity BBL Corr. API MCF Production BBL Produced Tested Well Status Gas/Oil Water Csg. 24 Hr. Oil Gas Tbg. Press Choke RECEIVED BBL Ratio MCF BBLPress. Rate Size Flwg.

	Test Date Tbg. Press.	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gra Corr. A		Gas	Production Method	
Produced Choke	Гbg. Press. Flwg.	Tested				1			l .		
	Flwg.	Cso		1		DDL	Con. A	ur i	Gravity		
	Flwg.		24 Hr.	Oil	Gas	Water	Gas/Oil	ì	Well Status		
		Press.	Rate	BBL	MCF	BBL	Ratio				
28c. Produc	ction - Inte	rval D	1	J							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gra Corr. A		Gas Gravity	Production Method	
Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oi Ratio	1	Well Status		
29. Disposi Sold	ition of Ga	S (Solid, us	ed for fuel, ve	nted, etc.))				J		
30 Summ	ary of Porc	ous Zones	(Include Aqu	ifers):					31. Formati	ion (Log) Markers	
Show at	ll important	t zones of t	orosity and c	ontents th	ereof: Cored ool open, flow	intervals and al ing and shut-in	ll drill-stem pressures a	tests, and			
		7							<u> </u>		Тор
Form	nation	Тор	Bottom		Des	criptions, Conte	ents, etc.			Name	Meas. Depth
									Wasatch North Horn		2956' 5124'
									Dark Canyon Price River	•	6911' 7175'
									TD		7770'
	· 1	des (in abude	plugging pro	readura).							
Conies o	floge pro	wiouely e	ubmitted un	der sena	arate cover. oort will be s	In the event submitted at th	log copie he time tu	s were not bing is land	received, p ded.	lease contact Jim Kinser at 30)3-312-8163. 7 7/8"
22 Tmdi	nto which is	tems hove 1	neen attached	by placing	g a check in th	ne appropriate b	ooxes:				
								DST Rep		✓ Directional Survey	
			s (1 full set rec g and cement v			Geologic Repo		Other:	юп 	VI Directional Survey	
34 I here	by certify t	that the for	egoing and at	tached inf	ormation is co	omplete and con	rect as dete	rmined from	all available	records (see attached instructions)	ķ
			racey Falla		=11-		Title	Environme	ental/Regula	tory Analyst	
	ignature _		racy	+ Ka	ucin	<u>ej</u>	Date _		7/21/	700	
Title 18 U	J.S.C. Secti	on 1001 ar audulent sta	nd Title 43 U.	S.C. Secti presentati	on 1212, mak ons as to any	e it a crime for a matter within its	any person s jurisdiction	knowingly a	and willfully to	o make to any department or agenc	y of the United States any (Form 3160-4, page 2)

(Continued on page 3)

Prickly Pear Unit Federal #7-17D-12-15 Report Continued

26. PERFORATION RECORD (cont.)					27. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)										
INTERVAL (Top/Bot-MD)		SIZE	NO. HOLES	PERFORATION STATUS	AMOUNT AND TYPE OF MATERIAL										
5990'	5996'	0.43"	18	Open	Stg 9	70% CO2 foam frac:	63	tons CO2	455	bbls total fluid	40,000#	20/40 White Sand			
6125'	6230'	0.43"	30	Open	Stg 8	70% CO2 foam frac:	158	tons CO2	980	bbls total fluid	130,300#	20/40 White Sand			
6283'	6325'	0.43"	30	Open	Stg 7	70% CO2 foam frac:	107	tons CO2	734	bbls total fluid	120,400#	20/40 White Sand			
6872'	6880'	0.43"	24	Open	Stg 6	70% CO2 foam frac:	78	tons CO2	531	bbls total fluid	49.800#	20/40 White Sand			
6916'	6980'	0.43"	36	Open	Stg 5	70% CO2 foam frac:	170	tons CO2	856	bbls total fluid	119,900#	20/40 White Sand			
7126'	7167'	0.43"	36	Open	Stg 4	70% CO2 foam frac:	139	tons CO2	743	bbls total fluid	90,400#	20/40 White Sand			
7217'	7277'	0.43"	30	Open	Stg 3	70% CO2 foam frac:		tons CO2	537	bbls total fluid	49,900#	20/40 White Sand			
7338'	7378'	0.43"	24	Open	Stg 2	70% CO2 foam frac:	106	tons CO2	640	bbls total fluid	70,700#	20/40 White Sand			
7556'	7566'	0.43"	30	Open	Stg 1	70% CO2 foam frac:	118	tons CO2	696	bbls total fluid	80,000#	20/40 White Sand			

^{*}Depth intervals for frac information same as perforation record intervals.

Directional Surveys

WELLCORE

Location Information Business Unit Operations

Phase/Area West Tavaputs Well Name

Surface Location NESE-17-12S-15E-W26M

Maın Hole

Project Uinta

Prickly Pear Fed. #7-17D-12-15

Bottom Hole Information		Survey Section Details									
ÚWI	API / License #	Section	KOP (ft)	KOP Date	TMD (ft)	TVD (ft)	TD Date				
SWNE-17-12S-15E-W26M	43-007-31289	Main	1033.00	12/21/2007	1033.00	1033.00					
			-								

Survey Information Survey Company	Direction of Vertical Section (°)	Magnetic Dec. Correction (°)
WEATHERFORD	313.93	11.81

<u>Details</u>	Corrected			•							
Extrap.	Depth MD (ft)	inclination (°)	Azimuth (°)	TVD (ft)	Sub See (ft)	Northings (ft)	N/S	Eastings (ft)	EW	Vertical Section (ft)	Oog Leg
	1096.00	1.30	285.54	1095.86	-1074.86	3.33	N	11.98	W	10.94	0.12
	1193.00	3.49	330.02	1192.76	-1171.76	6.18	N	14.51	W	14.74	2.80
	1289.00	6.87	331.98	1288.32	-1267.32	13.78	N	18.67	W	23.01	3.53
-	1385.00	10.31	329.56	1383.20	-1362.20	26.26	N	25.72	W	36.74	3.60
	1481.00	12.56	331.19	1477.28	-1456.28	42.81	N	35.10	W	54.98	2.37
	1578.00	15.38	327.06	1571.38	-1550.38	62.85	N	47.18	W	77.58	3.08
`	1674.00	18.19	323.00	1663.26	-1642.26	85.50	N	63.12	w	104.78	3.17
<u> </u>	1770.00	21.44	321.44	1753.54	-1732.54	111.18	N	83.07	w	136.97	3.43
	1866.00	24.19	319.06	1842.01	-1821.01	139.76	N	106.90	W	173.95	3.02
	1962.00	27.00	316.81	1928.56	-1907.56	170.51	N	134.70	w	215.31	3.10
	2057.00	28.00	315.06	2012.82	-1991.82	202.01	N	165.21	W	259.14	1.35
	2154.00	27.94	313.57	2098.49	-2077.49	233.79	N	197.76	W	304.63	0.72
	2250.00	27.76	313.82	2183.37	-2162.37	264.78	N	230.19	W	349.47	0.22
	2346.00	28.81	315.31	2267.91	-2246.91	296.70	N	262.59	W	394.96	1.32
	2442.00	28.81	314.81	2352.03	-2331.03	329.45	N	295.26	W	441.21	0.25
	2538.00	29.00	315.19	2436.07	-2415.07	362.26	N	328.08	W	487.60	0.27
	2634.00	28.81	314.94	2520.11	-2499.11	395.11	N	360.85	W	534.00	0.23
	2730.00	28.19	314.19	2604.47	-2583.47	427.25	N	393.48	W	579.80	0.75
	2826.00	27.13	313.69	2689.50	-2668.50	458.18	N	425.57	W	624.36	1.13
	2922.00	27.13	314.56	2774.93	-2753.93	488.66	N	456.99	W	668.14	0.41
	3018.00	28.31	315.44	2859.91	-2838.91	520.23	N	488.56	W	712.78	1.30
	3115.00	28.75	314.44	2945.13	-2924.13	552.95	N	521.35	W	759.10	0.67
	3210.00	29.06	313.94	3028.30	-3007.30	584.96	N	554.28	W	805.02	0.41
	3307.00	28.56	313.44	3113.29	-3092.29	617.25	N	588.08	W	851.76	0.57
	3403.00	27.63	312.94	3197.98	-3176.98	648.19	N	621.04	W	896.97	1.00
	3499.00	28.75	312.31	3282.58	-3261.58	678.90	N	654.41	W	942.30	1.21
	3595.00	29.04	314.00	3366.63	-3345.63	710.63	N	688.24	W	988.68	0.90
	3691.00	28.50	313.56	3450.78	-3429.78	742.60	N	721.60	W	1034.88	0.60
	3787.00	28.00	312.19	3535.35	-3514.35	773.51	N	754.89	W	1080.31	0.85
	3883.00	27.69	312.56	3620.23	-3599.23	803.73	N	788.02	W	1125.13	0.37
	3980.00	27.25	312.44	3706.29	-3685.29	833.96	N	821.01	W	1169.86	0.46
	4074.00	26.94	311.56	3789.98	-3768.98	862.61	N	852.82	W	1212.65	0.54
	4171.00	25.63	314.44	3876.94	-3855.94	891.88	N	884.24	w	1255.58	1.88
<u> </u>	4267.00	24.56	313.56	3963.88	-3942.88	920.16	N	913.52	W	1296.30	1.18
	4363.00	23.69	315.19	4051.49	-4030.49	947.59	N	941.57	W	1335.53	1.14
<u> </u>	4460.00	21.44	314.31	4141.05	-4120.05	973.80	N	967.99	W	1372.74	2.35
	4556.00	20.44	312.94	4230.70	-4209.70	997.48	N	992.82	W	1407.04	1.16
	4652.00	19.79	311.44	4320.84	-4299.84	1019.65	N	1017.27	W	1440.04	0.86
	4748.00	17.88	312.31	4411.69	-4390.69	1040.33	N	1040.35	W	1471.01	2.01
	4844.00	17.19	311.81	4503.23	-4482.23	1059.71	N	1061.83	W	1499.92	0.74
	4941.00	16.38	310.31	4596.09	-4575.09	1078.11	N	1082.94	W	1527.89	0.95
	5037.00	15.50	312.44	4688.40	-4667.40	1095.52	N	1102.73	W	1554.22	1.10
	5133.00	14.00	311.44	4781.23	-4760.23	1111.86	N	1120.90	W	1578.65	1.58
	5229.00	11.88	314.06	4874.77	-4853.77	1126.42	N	1136.71	W	1600.13	2.29
<u> </u>	5325.00	10.56 Technology Ltd.	316.94	4968.93	-4947.93 Version	1139.72	N	1149.81	W	1618.80	1.49

Directional Surveys

WELLCORE

Location Information Business Unit Operations Project Uinta

Phase/Area West Tavaputs

Well Name Prickly Pear Fed. #7-17D-12-15

Surface Location NESE-17-12S-15E-W26M

Main Hole

Extrap.	Depth MD (ft)	Inclination	Azimuth (°)	TVD (ft)	Sub See (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
	5421.00	8.44	320.56	5063.60	-5042.60	1151.59	N	1160.29	w	1634.58	2.29
	5518.00	6.48	316.56	5159.77	-5138.77	1161.06	N	1168.58	W	1647.12	2.09
	5614.00	4.06	322.31	5255.34	-5234.34	1167.68	N	1174.38	W	1655.89	2.58
	5710.00	2.69	311.81	5351.17	-5330.17	1171.87	N	1178.14	W	1661.50	1.56
	5806.00	2.25	303.69	5447.08	-5426.08	1174.42	N	1181.39	W	1665.61	0.58
 	5903.00	2.25	296.31	5544.00	-5523.00	1176.32	N	1184.68	W	1669.30	0.30
	5999.00	1.81	294.44	5639.94	-5618.94	1177.78	N	1187.75	W	1672.52	0.46
	6095.00	1.81	287.31	5735.89	-5714.89	1178.86	N	1190.57	W	1675.31	0.23
	6191.00	1.81	283.19	5831.84	-5810.84	1179.66	N	1193.50	W	1677.97	0.14
<u> </u>	6287.00	2.06	274.69	5927.79	-5906.79	1180.15	N	1196.69	W	1680.61	0.40
-	6480.00	1.50	249.06	6120.69	-6099.69	1179.53	N	1202.51	W	1684.36	0.50
	6575.00	1.19	240.69	6215.67	-6194.67	1178.60	N	1204.53	W	1685.18	0.39
 	6672.00	1.13	261.94	6312.65	-6291.65	1177.97	N	1206.36	W	1686.06	0.44
	6768.00	1.00	250.56	6408.63	-6387.63	1177.56	N	1208.08	W	1687.01	0.26
	6864.00	1.06	227.56	6504.61	-6483.61	1176.68	N	1209.53	W	1687.45	0.43
 	7010.00	1.31	231.19	6650.58	-6629.58	1174.73	N	1211.83	W	1687.74	0.18
	7770.00	1.25	235.00	7410.39	-7389.39	1164.53	N	1225.39	w	1690.43	0.01

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

Bill Barrett Corporation

Operator Account Number: N 2165

Address:

1099 18th Street, Suite 2300

city Denver

state CO

zip 80202

Phone Number: (303) 312-8134

Well 1

API Number	Well I	Yame	QQ	Sec	Twp	Rng	County Carbon	
4300731289	Prickly Pear Unit Fede	eral 7-17D-12-15	NESE	17	128	15E		
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date		
С	16439	14794					2/20/2008	
Comments:				Λ	ANTI	PUT	111	

WSMVL

Entity change based on inclusion into participating area.

CUNFIDENTIAL

Well 2

API Number	Well N	Vame .	QQ	Sec	Twp	Rng	County	
4300731309	Prickly Pear Unit Fede	eral 12-17D-12-15	swsw	17	128	15E	Carbon	
Action Code	Current Entity Number	New Entity Number	Sį	pud Date		Entity Assignment Effective Date		
С	16489	14794				6/	33/08	

Entity change based on well drilled into existing participating area. Well is waiting on completion. Entity assignment to be effective date of first production.

Well 3

API Number	Well N	Name .	QQ	Sec	Twp	Rng	County Carbon	
4300731321	Prickly Pear Unit Fede	eral 16-17D-12-15	SWSE	17	128	15E		
Action Code	Current Entity Number	New Entity Number	S	pud Da	te	Entity Assignment Effective Date		
С	16382	14794					12/14/2007	

Entity change based on inclusion into participating area.

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- Other (Explain in 'comments' section)

Tracey Fallang

Name (Pjease Print)

Signature Permit Analyst

Title

6/12/2008

(5/2000)

RECEIVED **JUN 1 6 2008**

DIV. OF OIL, GAS & MINING

Sundry Number: 17538 Approval of this: 43007312890000

Action is Necessary

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73006
SUNDF	RY NOTICES AND REPORTS OF	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen exisugged wells, or to drill horizontal laterals. Use A		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PPU FED 7-17D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007312890000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D	PHONE N Denver, CO, 80202 303 312-8		9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2089 FSL 0743 FEL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE ☐	ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
8/15/2011	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION
SUBSEQUENT REPORT Date of Work Completion:		PLUG AND ABANDON	
			☐ PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	□ WATER SHUTOFF □	SI TA STATUS EXTENSION	APD EXTENSION
Report Date.	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:
12. DESCRIBE PROPOSED OR CO	DMPLETED OPERATIONS. Clearly show all pertine	nt details including dates, depths, v	olumes, etc.
l .	to lower the tubing on this well to		
Tubing is currently se	et at 7587'. Please contact Brian	Hilgers with questions a	t Accorded by the
	303.312.8183.		Accepted by the Utah Division of
			Old, Gas and Mining
		Da	ate: (\ \ \ 08/16/2011
			1)4/1/14
		By	y:
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 8/12/2011	
,.,		0, -2, 2011	

Sundry Number: 19661 API Well Number: 43007312890000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73006
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen e igged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PPU FED 7-17D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007312890000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		E NUMBER: 2-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2089 FSL 0743 FEL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 17	IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN [FRACTURE TREAT	☐ NEW CONSTRUCTION
9/9/2011	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF [SI TA STATUS EXTENSION	APD EXTENSION
·	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: tubing lower
12 DESCRIBE PROPOSED OF CO	OMPLETED OPERATIONS. Clearly show all perti	nent details including dates, denths, y	,
A ttached to this s	undry are the procedures that om 9/9/2011. Please contact Br with questions.	took place to lower the rady Riley at 303-312-811 A Oil	
NAME (PLEASE PRINT) Brady Riley	303 312-8115 PHONE NUMBER	TITLE Permit Analyst	
SIGNATURE N/A		DATE 10/20/2011	

Bill Barrett Corporation Daily Completion and Workover (legal size)

Well Name: Prickly Pear Fed. #7-17D-12-15

Report # 1.0, Report Date: 9/9/2011

Phase:

Well Nar		47 17D		api/uwi 43-007-3	1200		License #		Extra V	Vell ID B		Operator Bill Barrett C	ornoration	Govt Authority
	figuration				Elevation (f	t)	Ground Elevat	tion (ft)	KB-Gro	ound Distance (ft)		Regulatory Drilling	g Spud Date	Regulatory Rig Release Date
Curfoss	_egal Loca	tion		North/Court	n Distance (f	7,437.00	North/South R	7,416.00		est Distance (ft)	21.00	12/20/20 East/West Refere	007 00:00	Lat/Long Datum
	.17-12S			NOI II I/ SOUII	i Distance (i	6,502.6	l	ererence	EdSVVV		6,473.1		ence	Laviding Datum
W26M														
Latitude Jobs	(°)		ĮL	ongitude (°)		Basin		Field N	lame		County		State/Province
Job Cate					Primary J							Start Date		End Date
	etion/W		rget Forn	nation	Worko		Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost)	ITo	tal Final Invoice (/11/2011 C IVar (AFE-FI	12/1/2011 Id) (Cost) Total Depth Drilled (ft)
,			J				238EQP		50.00	11,270		8,138		12,880.00
Daily (Report S	Operation Date	ons		Donort	End Date		Weathe	Nr.			ITomp	erature (°F) Roa	d Condition	
	9/9/	2011		Roport	9/10/2	2011	Woding							
24 Hour	Summary PS PO	ОНІА	YDOW	/N PERF	Sundr	TKCNM#M	harija de	PGFAUAPI V	Operati Vell	ions Next Report Pe Number:	eriod 430(07312890	000	
SHOE	& PRO	FILE N	PPLE	& RIH T	O LAND		983.80 NE							
			N TBG	TO SA	LES									
Daily	Contact	.5		(Contact Nam	ne			Т			Of	fice	
BREN	T HUCK	INS												
Daily ⁻	Γime Br	eakdov	νn											
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Cate	egory		Phase		Prob Ref #			Con	n
00:00	01:00	1.00	1.00	CTR	Crew Tr	avel					CRE	W TRAVEL, S	AFETY MEE	TING, TBG 165, CSG 300
04.00	00.00	4.50	0.50	L	la atall D	OD!-					DLIM	DIZUL ON TO	O NDWELL	LIEAD NUDODO DIO LID
01:00	02:30	1.50	∠.50	BOPI	Install B	UP S						P KILL ON TE DR & EQUIPM		HEAD, NUBOPS, RIG UP
02:30	08:00	5.50	8.00	PULT	Pull Tub	ing					PULL	TUBING OU	T & REMOV	E PERF SUB, LAY DOWN
												BELOW PER		
08:00	10:30	2.50	10.50	RUT B	Run Tub	oing						E UP MULE S 2 3/8 L-80 TB(TLE NIPPLE & RIH W/ 183 @ 5983 80
10:30	12:00	1.50	12.00		Remove	BOP's			_					BOPS, NUWELLHEAD &
		55		R		_ 3. 0						N TBG TO SA		,
12:00	00:00	12.00	24.00	CTR	Crew Tr	avel					CRE\	W TRAVEL		
				<u>l</u> L										
Safety	Check	S		Des				-	Туре				<u> </u>	om
									1) 0					3111
Logs							•							
3-	С	ate					Туре				Top (ftl	KB)	E	Btm (ftKB) Cased?
Perfor	ation S		у											
		Date				Zone		Тор	(ftKB)			Btm (ftKB)		Current Status
Stimu	ation/T	reatme	nt Sta	qes										
	on <dtt< td=""><td>m></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td></dtt<>	m>												_
Date			Ž	Zone					Туре					Stim/Treat Company
Sub							Top (fi	HZD)		Da	m (ftKB)			Val Class Burns (sell)
Stg #			stage Typ				TOP (II	(ND)		Bu	III (IIKD)			Vol Clean Pump (gal)
Other	In Hole													
			Des	S			F	Run Date		OD (in)		Тор	(ftKB)	Btm (ftKB)
_														
Ceme	nt	Des						Start	t Date				ı	Cement Comp
														oomen oomp
					1									
								RE	:CEI	IVED			_	

Sundry Number: 19661 API Well Number: 43007312890000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73006
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen e igged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PPU FED 7-17D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007312890000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		E NUMBER: 2-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2089 FSL 0743 FEL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 17	IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN [FRACTURE TREAT	☐ NEW CONSTRUCTION
9/9/2011	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF [SI TA STATUS EXTENSION	APD EXTENSION
·	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: tubing lower
12 DESCRIBE PROPOSED OF CO	OMPLETED OPERATIONS. Clearly show all perti	nent details including dates, denths, y	,
A ttached to this s	undry are the procedures that om 9/9/2011. Please contact Br with questions.	took place to lower the rady Riley at 303-312-811 A Oil	
NAME (PLEASE PRINT) Brady Riley	303 312-8115 PHONE NUMBER	TITLE Permit Analyst	
SIGNATURE N/A		DATE 10/20/2011	

Bill Barrett Corporation Daily Completion and Workover (legal size)

Well Name: Prickly Pear Fed. #7-17D-12-15

Report # 1.0, Report Date: 9/9/2011

Phase:

Well Nar		47 17D		api/uwi 43-007-3	1200		License #		Extra V	Vell ID B		Operator Bill Barrett C	ornoration	Govt Authority
	figuration				Elevation (f	t)	Ground Elevat	tion (ft)	KB-Gro	ound Distance (ft)		Regulatory Drilling	g Spud Date	Regulatory Rig Release Date
Curfoss	_egal Loca	tion		North/Court	n Distance (f	7,437.00	North/South R	7,416.00		est Distance (ft)	21.00	12/20/20 East/West Refere	007 00:00	Lat/Long Datum
	.17-12S			NOI II I/ SOUII	i Distance (i	6,502.6	l	ererence	EdSVVV		6,473.1		ence	Laviding Datum
W26M														
Latitude Jobs	(°)		Į.	ongitude (°)		Basin		Field N	lame		County		State/Province
Job Cate					Primary J							Start Date		End Date
	etion/W		rget Forn	nation	Worko		Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost)	ITo	tal Final Invoice (/11/2011 C IVar (AFE-FI	12/1/2011 Id) (Cost) Total Depth Drilled (ft)
,			J • • •				238EQP		50.00	11,270		8,138		12,880.00
Daily (Report S	Operation Date	ons		Donort	End Date		Weathe	Or.			ITomp	erature (°F) Roa	d Condition	
	9/9/	2011		Roport	9/10/2	2011	Woding							
24 Hour	Summary PS PO	ОНІА	YDOW	/N PERF	Sundr	TKCNM#M	harija de	PGFAUAPI V	Operati Vell	ions Next Report Pe Number:	eriod 430(07312890	000	
SHOE	& PRO	FILE N	PPLE	& RIH T	O LAND		983.80 NE							
			N TBG	TO SA	LES									
Daily	Contact	.5		(Contact Nam	ne			Т			Of	fice	
BREN	T HUCK	INS												
Daily ⁻	Γime Br	eakdov	νn											
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Cate	egory		Phase		Prob Ref #			Con	n
00:00	01:00	1.00	1.00	CTR	Crew Tr	avel					CRE	W TRAVEL, S	AFETY MEE	TING, TBG 165, CSG 300
04.00	00.00	4.50	0.50	L	la atall D	OD!-					DLIM	DIZUL ON TO	O NDWELL	LIEAD NUDODO DIO LID
01:00	02:30	1.50	∠.50	BOPI	Install B	UP S						P KILL ON TE DR & EQUIPM		HEAD, NUBOPS, RIG UP
02:30	08:00	5.50	8.00	PULT	Pull Tub	ing					PULL	TUBING OU	T & REMOV	E PERF SUB, LAY DOWN
												BELOW PER		
08:00	10:30	2.50	10.50	RUT B	Run Tub	oing						E UP MULE S 2 3/8 L-80 TB(TLE NIPPLE & RIH W/ 183 @ 5983 80
10:30	12:00	1.50	12.00		Remove	BOP's			_					BOPS, NUWELLHEAD &
		55		R		_ 3. 0						N TBG TO SA		,
12:00	00:00	12.00	24.00	CTR	Crew Tr	avel					CRE\	W TRAVEL		
				<u>l</u> L										
Safety	Check	S		Des				-	Туре				<u> </u>	om
									1) 0					3111
Logs							•							
3-	С	ate					Туре				Top (ftl	KB)	E	Btm (ftKB) Cased?
Perfor	ation S		у											
		Date				Zone		Тор	(ftKB)			Btm (ftKB)		Current Status
Stimu	ation/T	reatme	nt Sta	qes										
	on <dtt< td=""><td>m></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td></dtt<>	m>												_
Date			Ž	Zone					Туре					Stim/Treat Company
Sub							Top (fi	HZD)		Da	m (ftKB)			Val Class Burns (sell)
Stg #			stage Typ				TOP (II	(ND)		Bu	III (IIKD)			Vol Clean Pump (gal)
Other	In Hole													
			Des	S			F	Run Date		OD (in)		Тор	(ftKB)	Btm (ftKB)
_														
Ceme	nt	Des						Start	t Date				ı	Cement Comp
														oomen oomp
					1									
								RE	:CEI	IVED			_	

Sundry Number: 21097 API Well Number: 43007312890000

			STATE	OF UTAH						FORM 15
			DEPARTMENT OF N		ESOURCE				AMENDED DEDOC	🖂
						3			AMENDED REPOR	(1
			DIVISION OF OII	_, GAS AND	MINING				Original Filing Date: 12	/8/2011
			DESIGNATION OF WORK			ETION				
1. Name of Operator					ount Number			5. Well Name a		
BILL BARRETT CORP				N2165				PPU FED 7-1		
3. Address of Operator		City	State Zip	4. Phone No				6. API Number	r	
1099 18th Street Ste 2300		Denver	CO 80202	303 312-81	64			4300731289		
9. Location of Well								7. Field Name		
, ,	SL 0743 FEL	County: C						NINE MILE C		
QQ, Sec, Twnp, Rnge: \big	NESE 17 120S 150E	State	: UTAH					8. Field Code	Number	
		COMPLET	TE ALL SECTIONS, ATTA	CH ADDITIO	ONAL SHE	ETC IE N	IEEDED	35		
10. TYPE OF WORK (Chec	k all that apply)	COMPLE	11. WORK PERIOD	CH ADDITI	JIVAL SHE	E I 3 IF I	ACCUCU.			
				and o	0/0044			Dava Erom		
Production enhance	cement Rec	ompletion	Date work commen	<u>!-</u>	9/2011			Days From		
Convert to injection	n Ren	air well	Date work complete	ed <u>[9/</u>	9/2011			ompletion		
Convert to injection	п кер	all well								
12. THE FOLLOWIN	G EXPENSES	FOR OPERA	TIONS ARE SUBMITTED	FOR DESIG		_	COVER C			S:
					Expens			Appr	roved By State	
a. Location preparation					1.2	0.00			0.00	_
b. Move-in, rig-up, and		trucking)			1.2	0.00			0.00	_
c. Rig charges (includir					7	7930.00			7930.00	_
d. Drill pipe or other wo					<u> C</u>	0.00			0.00	_
e. Water and chemicals	for circulating fluid	d (including wate	r hauling)		<u> C</u>	0.00			0.00	_
f. Equipment purchase					<u> </u>	5551.00			6551.00	_
g. Equipment rental					11	1309.00			1309.00	_
h. Cementing					<u> c</u>	0.00			0.00	_
i. Perforating					<u> C</u>	0.00			0.00	_
j. Acidizing					<u> c</u>	0.00			0.00	_
k. Fracture stimulation					<u> c</u>	0.00			0.00	_
I. Logging services					2	2210.00			2210.00	_
m. Supervision and ove	erhead				1	1523.00			1523.00	_
n. Other (itemize)	0				<u> c</u>	0.00			0.00	
	0				<u> C</u>	0.00			0.00	_
	0				<u>c</u>	0.00			0.00	
	0				<u>c</u>	0.00			0.00	
o. Total submitted expe	enses				1	19523.00				
p. Total approved expe	nses (State use onl	y)							19523.00	
13 LIST CONTRACT	TORS PROVID	ING SERVICI	ES VALUED AT MORE TH	IAN \$3 000						
101 2101 001111010	Contractor	02		n (City, State)				Service	es Provided	
WILDCAT ENERGY SEF	RVICES		BLANDING UT				ICC - COMF	PLETION UNIT		
DELSCO NORTHWEST	INC		ROOSEVELT UT				ICC - LOGG	ING/WIRELINE		
BOURLAND LEVERICH	SLIPPLY CO		PAMPA TX			=	TCC - TUBI	NG		
						=				
WILDCAT ENERGY SEF			BLANDING UT			<u> </u>		PLETION UNIT		
DELSCO NORTHWEST	INC		ROOSEVELT UT			!	ICC - LOGG	ING/WIRELINE		
BOURLAND LEVERICH	SUPPLY CO		PAMPA TX				TCC - TUBI	NG		
14. LIST WORKING Name		NERS WHO	TAKE PRODUCT IN KIND Addres		AUTHORIZ	ED TO		N THE TAX (ah Account No.		rest
									=	-
1		<u> </u>							=	
<u> </u>		<u> </u>							=	
I haraby contify that	this remark is 4	true and acres	inlate to the best of million	a outlo des						
		true and com	plete to the best of my ki						7	
NAME (PLEASE PRINT)	Jeffrey Wieting			Asset T		_	303 29		7	
SIGNATURE Jeffrey Wie	eting			DATE Decemb	er 8, 2011	E-M	AIL JWieti	ng@billbarrettco	г	

EQUIPMENT PURCHASE AND RENTAL SUPPORT FOR ALL BBC SUBMISSIONS ON 12-8-11

Trans#	Account	COST TYPE	Doc/Invoice	VALUE	WELL NAME	Cost Tp	Name	Description	Balance
25507136	10.860.120	EQUIP PURCH	11-MT-1	14422	Prickly Pear Fed 1-17D-12-15	TCC	TRANSFER FROM INVENTORY YARD	78 JTS 2-3/8" 2421' 4.7# L80, A	14,550.21
25023299	10.860.100	EQUIP PURCH	0100162174	14422	Prickly Pear Fed 1-17D-12-15	TCC	SEABOARD WELLHEAD INC	- 2011-08-29 - SEABOARD WELLHEAD INC - LOCKSCREW, BACK UP RING, LOCKSCREW	1,162.94
25456292	10.840.180	EQUIP RENTAL	176005054	14422	Prickly Pear Fed 1-17D-12-15	ICC	NABORS WELL SERVICES CO	- 2011-09-13 - NABORS WELL SERVICES CO - SERVICE	1,574.43
25507138	10.860.120	EQUIP PURCH	11-MT-1	14749	Prickly Pear Fed 4-22D-12-15	TCC	TRANSFER FROM INVENTORY YARD	29 JTS 2-3/8" 910' 4.7# L80, A	5,469.10
25507130	10.860.120	EQUIP PURCH	11-MT-1	14238	Prickly Pear Fed 7-17D-12-15	TCC	TRANSFER FROM INVENTORY YARD	NO TUBING TRANSFER FROM YARD ESTIMATED AT AFE AMOUNT	6,551.00
25456294	10.840.180	EQUIP RENTAL	176005057	14238	Prickly Pear Fed 7-17D-12-15	ICC	NABORS WELL SERVICES CO	- 2011-09-13 - NABORS WELL SERVICES CO - SERVICE	1,309.55

RECEIVED

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)		Operator Name Change/Merger								
The operator of the well(s) listed below has chang	ged, effectiv	/e:	1/1/2014							
FROM: (Old Operator): N2165-Bill Barrett Corporation 1099 18th Street, Suite 230 Denver, CO 80202			TO: (New Operator): N4040-EnerVest Operating, LLC 1001 Fannin Street, Suite 800 Houston, TX 77002							
Phone: 1 (303) 312-8134			Phone: 1 (713) 659-3500							
CA No.			Unit: Prickly Pear							
WELL NAME	SEC TWN RNG		API NO	ENTITY NO			WELL STATUS			
See Attached List										
OPERATOR CHANGES DOCUMENT. Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation wa 2. (R649-8-10) Sundry or legal documentation wa 3. The new company was checked on the Departm 4a. Is the new operator registered in the State of U 5a. (R649-9-2) Waste Management Plan has been re 5b. Inspections of LA PA state/fee well sites compl 5c. Reports current for Production/Disposition & S	rom the	e NEW operator e, Division of Co Business Numb Not Yet Yes 1/24/2014	on: orporations oer:	8850806-0161		1/28/2014				
6. Federal and Indian Lease Wells: The BL					-					
or operator change for all wells listed on Federa 7. Federal and Indian Units: The BLM or BIA has approved the successor			BLM	Not Yet Not Yet	BIA	_ N/A				
8. Federal and Indian Communization Agr		•	•							
The BLM or BIA has approved the operator f					N/A					
9. Underground Injection Control ("UIC"		_	_			•				
Inject, for the enhanced/secondary recovery un	it/project fo	r the wa	ater disposal wel	l(s) listed o	n:	Yes	_			
DATA ENTRY:1. Changes entered in the Oil and Gas Database	on:		1/28/2014							
2. Changes have been entered on the Monthly Op	erator Cha	inge Sp			1/28/2014	ı				
3. Bond information entered in RBDMS on:			1/28/2014	•						
4. Fee/State wells attached to bond in RBDMS on5. Injection Projects to new operator in RBDMS o			1/28/2014 1/28/2014							
6. Receipt of Acceptance of Drilling Procedures for		v on:	1/20/2014	•	1/7/2014					
7. Surface Agreement Sundry from NEW operator			lls received on:		1/7/2014					
BOND VERIFICATION:										
1. Federal well(s) covered by Bond Number:			RLB7886							
2. Indian well(s) covered by Bond Number:		RLB7886								
3a. (R649-3-1) The NEW operator of any state/fee	e well(s) list	ted cove	ered by Bond Nu	ımber	B008371					
3b. The FORMER operator has requested a release	of liability	from th	neir bond on:	N/A						
LEASE INTEREST OWNER NOTIFIC 4. (R649-2-10) The NEW operator of the fee wells of their responsibility to notify all interest owner COMMENTS:	has been co			y a letter fro 1/28/2014	om the Division					

W7-11 N7		THAT		Prickly Pear C		3.6' 1.7	G C T	XX 11 (F)	Txx 11 C
Well Name				API Number	Entity	Mineral Lease	 	Well Type	Well Status
PPU FED 11-23D-12-15	+	120S	150E	4300731440		Federal	Federal	GW	APD
PPU FED 4-26D-12-15		120S	150E	4300731441		Federal	Federal	GW	APD
PPU FED 14-23D-12-15	+	120S	150E	4300731442		Federal	Federal	GW	APD
PPU FED 12-23D-12-15	+	120S	150E	4300731443		Federal	Federal	GW	APD
PRICKLY PEAR U FED 12-7D-12-15	+ - +	120S	150E	4300750094		Federal	Federal	GW	APD
PRICKLY PEAR U FED 11-7D-12-15		120S	150E	4300750095		Federal	Federal	GW	APD
PRICKLY PEAR U FED 13-7D-12-15	i	120S	150E	4300750096		Federal	Federal	GW	APD
PRICKLY PEAR U FED 14-7D-12-15		120S	150E	4300750097		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-8D-12-15		120S	150E	4300750124		Federal	Federal	GW	APD
PRICKLY PEAR UF 12-8D-12-15	·	120S	150E	4300750125		Federal	Federal	GW	APD
PRICKLY PEAR UF 13-8D-12-15	·	120S	150E	4300750126		Federal	Federal	GW	APD
PRICKLY PEAR UF 14-8D-12-15	-	120S	150E	4300750127		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-21D-12-15		120S	150E	4300750128		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-21D-12-15		120S	150E	4300750129		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E	4300750130		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal	Federal	GW	APD
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal	Federal	GW	APD
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal	Federal	GW	APD
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-22D-12-15			150E	4300750165		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-22D-12-15	-		150E	4300750166	•	Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-22D-12-15		120S	150E	4300750167		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-22D-12-15			150E	4300750168		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-22D-12-15			150E	4300750169		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-22D-12-15			150E	4300750170		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-15D-12-15			150E	4300750180		Federal	Federal	GW	APD
PRICKLY PEAR UF 11B-15D-12-15			150E	4300750181		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-15D-12-15			150E	4300750184		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-18D-12-15	·			4300750185		Federal	Federal	GW	APD
PRICKLY PEAR UF 4A-18D-12-15				4300750186		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-7D-12-15			150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 2-18D-12-15	-		150E	4300750188		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-7D-12-15			150E	4300750189		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-7D-12-15			150E	4300750190		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-7D-12-15	-		150E	4300750191	and the same of th	Federal	Federal	GW	APD
PRICKLY PEAR FEDERAL 1-12D-12-14			140E	4300750205		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-12D-12-14			140E	4300750206		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-12D-12-14			140E	4300750207		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-12D-12-14	-		140E	4300750207		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-12D-12-14									
PRICKLY PEAR UF 8-12D-12-14 PRICKLY PEAR UF 4-7D-12-15			140E	4300750209		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-7D-12-15 PRICKLY PEAR UF 5-7D-12-15			140E	4300750210		Federal	Federal	GW	APD
			140E	4300750211		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-12D-12-14			140E	4300750212		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-7D-12-15			140E	4300750213		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-14D-12-15			150E	4300750214		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-14D-12-15			150E	4300750215			Federal	GW	APD
PRICKLY PEAR UF 9-14D-12-15			150E	4300750217			Federal	GW	APD
PRICKLY PEAR UF 9A-14D-12-15			150E	4300750218			Federal	GW	APD
PRICKLY PEAR UF 10-14D-12-15			150E	4300750219			Federal	GW	APD
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E	4300750220		Federal	Federal	GW	APD

Well Name	Coo TWN		API Number		Min and Lagar	Comfort I	W-11 T	337-11 C4-4
PRICKLY PEAR UF 15A-14D-12-15	14 120S	150E	4300750222	Entity	Mineral Lease Federal		Well Type GW	Well Status
PRICKLY PEAR UF 16-14D-12-15	14 120S	150E	4300750222		Federal	Federal	GW	APD APD
PRICKLY PEAR UF 16A-14D-12-15	14 120S	150E	4300750224		Federal	Federal	GW	+
PRICKLY PEAR UF 1A-18D-12-15	7 120S	150E	4300750225		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-18D-12-15	7 120S	150E	4300750226		Federal	Federal		APD
PRICKLY PEAR UF 9A-7D-12-15	7 120S	150E	4300730220			Federal	GW	APD
PRICKLY PEAR UF 10A-7D-12-15	7 120S	150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-7D-12-15	7 120S		4300750228		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-7D-12-15	 	150E	4300750229		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-12D-12-14	7 120S	150E	4300750230		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-12D-12-14	12 120S	140E	4300750233		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-12D-12-14	12 1208	140E	4300750234		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-12D-12-14 PRICKLY PEAR UF 12A-8D-12-15	12 120S	140E	4300750235		Federal	Federal	GW	APD
	8 120S	150E	4300750236		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-12D-12-14	12 120S	140E	4300750237		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-8D-12-15	8 120S	150E	4300750238		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-8D-12-15	8 120S	150E	4300750239		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-8D-12-15	8 120S	150E	4300750240		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-8D-12-15	8 120S	150E	4300750260		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-8D-12-15	8 120S	150E	4300750261		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-8D-12-15	8 120S	150E	4300750262		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-8D-12-15	8 120S	150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 2-8D-12-15	8 120S	150E	4300750264		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-8D-12-15	·	150E	4300750265		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-8D-12-15		150E	4300750266		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-8D-12-15	 	150E	4300750267		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-8D-12-15		150E	4300750268		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-8D-12-15	 	150E	4300750269	-	Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-8D-12-15		150E	4300750270		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-8D-12-15		150E	4300750271		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-8D-12-15		150E	4300750272		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-8D-12-15		150E	4300750273		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-9D-12-15		150E	4300750274		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-9D-12-15		150E	4300750275		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-9D-12-15		150E	4300750276		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-9D-12-15			4300750277		Federal	Federal		APD
PRICKLY PEAR UF 6A-9D-12-15			4300750278		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-9D-12-15		150E	4300750279		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-9D-12-15		150E	4300750280		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-9D-12-15		150E	4300750281		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-9D-12-15		150E	4300750282		Federal	Federal	GW	APD
PRICKLY PEAR US 1X-16D-12-15		150E	4300750283		State	Federal	GW	APD
PRICKLY PEAR UF 5A-15D-12-15		150E	4300750284		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-15D-12-15		150E	4300750285		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-15D-13-15		150E	4300750286		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-10D-12-15		150E	4300750287		Federal		GW	APD
PRICKLY PEAR UF 13-10D-12-15		150E	4300750288		Federal		GW	APD
PRICKLY PEAR UF 15-10D-12-15		150E	4300750289		Federal		GW	APD
PRICKLY PEAR UF 16A-10D-12-15	<u> </u>	150E	4300750290		Federal		GW	APD
PRICKLY PEAR UF 9-10D-12-15		150E	4300750291		Federal		GW	APD
PRICKLY PEAR UF 14A-10D-12-15		150E	4300750292				GW	APD
PRICKLY PEAR UF 10-10D-12-15		150E	4300750293		Federal		GW	APD
PRICKLY PEAR UF 16-10D-12-15			4300750294				GW	APD
PRICKLY PEAR UF 13-11D-12-15			4300750295					APD
PRICKLY PEAR UF 13A-11D-12-15			4300750296					APD
PRICKLY PEAR UF 12-11D-12-15			4300750297			Federal	GW	APD
PRICKLY PEAR UF 13A-10D-12-15	10 120S	150E	4300750298		Federal	Federal	GW	APD

Well Name	Cas TUAL		ARIAN-I		N C 1 T	C C I	W. 11 C	W. 11 C
PRICKLY PEAR UF 12-10D-12-15		+	API Number			 	Well Type	Well Status
	10 1208	150E	4300750299		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-10D-12-15 PRICKLY PEAR UF 3A-15D-12-15	10 1208	150E	4300750300		Federal	Federal	GW	APD
	10 1208	150E	4300750301	-	Federal	Federal	GW	APD
PRICKLY PEAR UF 12-14D-12-15	14 120S	150E	4300750302		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-15D-12-15	10 120S	150E	4300750303	-	Federal	Federal	GW	APD
PRICKLY PEAR UF 4A-15D-12-15	10 1208	150E	4300750304		Federal	Federal	GW	APD
PRICKLY PEAR UF 14-10D-12-15	10 120S	150E	4300750305		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-17D-12-15	17 120S	150E	4300750306		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-17D-12-15	17 120S	150E	4300750307	+	Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-17D-12-15	17 120S	150E	4300750308		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-7D-12-15	7 120S	150E	4300750309		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-17D-12-15	17 120S	150E	4300750310		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-7D-12-15	7 120S	150E	4300750311		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-17D-12-15	17 120S	150E	4300750312		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-7D-12-15	7 120S	150E	4300750313		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-7D-12-15	7 120S	150E	4300750314	i 	Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-7D-12-15	7 120S	150E	4300750315		Federal	Federal	GW	APD
PRICKLY PEAR UF 6X-17D-12-15	17 120S	150E	4300750316		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-17D-12-15	17 120S	150E	4300750317		Federal	Federal	GW	APD
PRICKLY PEAR UF 15B-17D-12-15	17 120S	150E	4300750318		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-20D-12-15	20 120S	150E	4300750319		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-7D-12-15	7 120S	150E	4300750320		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-20D-12-15	20 120S	150E	4300750321		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-20D-12-15	20 120S	150E	4300750322		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-20D-12-15	20 120S	150E	4300750323		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-20D-12-15	20 120S	150E	4300750324		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-7D-12-15	7 120S	150E	4300750325		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-20D-12-15	20 120S	150E	4300750326		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-20D-12-15	20 120S	150E	4300750327		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-20D-12-15	20 120S	150E	4300750328		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-7D-12-15	7 120S	150E	4300750329		Federal	Federal	GW	APD
PRICKLY PEAR UF 15-20D-12-15	20 120S	150E	4300750330		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-7D-12-15	7 120S	150E	4300750331		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-10D-12-15	9 120S	150E	4300750332		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-10D-12-15	9 120S	150E	4300750333		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-10D-12-15	9 120S	150E	4300750334		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-10D-12-15	9 120S	1 50 E	4300750335		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-10D-12-15	9 120S	150E	4300750336		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-10D-12-15	9 120S	150E	4300750338		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-10D-12-15		150E	4300750339		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-10D-12-15	9 120S	150E	4300750340		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-9D-12-15	9 120S	150E	4300750341		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-9D-12-15	9 120S	150E	4300750342		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-9D-12-15	9 120S	150E	4300750343		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-9D-12-15	9 120S	150E	4300750344		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-9D-12-15	9 120S	150E	4300750345		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-9D-12-15	9 120S	150E	4300750346		Federal			APD
PRICKLY PEAR UF 1-24D-12-1	24 120S	150E	4300750348		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-13D-12-15	13 120S	150E	4300750349		-		GW	APD
PRICKLY PEAR U FED 7-21D-12-15	21 120S	150E	4300750055	14794			GW	OPS
PRICKLY PEAR US 1A-16D-12-15	9 120S	150E	4300750192					OPS
PRICKLY PEAR US 2A-16D-12-15	9 120S	150E	4300750193					OPS
PRICKLY PEAR US 2-16D-12-15			4300750194					OPS
PRICKLY PEAR UF 9A-9D-12-15			4300750196					OPS
PRICKLY PEAR UF 10-9D-12-15			4300750197					OPS
PRICKLY PEAR UF 10A-9D-12-15			4300750198					OPS
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Well Name	G TUDI		ear Unit	3.61 1.7	G C T	*** 11 m	TTT 11 0
Well Name				Mineral Lease		Well Type	Well Status
PRICKLY PEAR UF 14-9D-12-15	9 1208	·	0199 14794		Federal	GW	OPS
PRICKLY PEAR UF 14A-9D-12-15	9 1208	<del></del>	0200 14794		Federal	GW	OPS
PRICKLY PEAR UF 15-9D-12-15	9 1208		0201 14794		Federal	GW	OPS
PRICKLY PEAR UF 15A-9D-12-15	9 1208		0203 14794	l	Federal	GW	OPS
PRICKLY PEAR UF 16A-9D-12-15	9 1208		0204 14794		Federal	GW	OPS
STONE CABIN FED 2-B-27	27 120S		0018 14794		Federal	GW	P
PRICKLY PEAR ST 16-15	16 120S		0522 14794		State	GW	P
PRICKLY PEAR UNIT 21-2	21 120S		0828 14794	<u></u>	Federal	GW	P
PRICKLY PEAR U ST 13-16	16 120S		0933 14794		State	GW	P
PRICKLY PEAR U ST 11-16	16 120S		0944 14794	State	State	GW	P
PRICKLY PEAR U ST 7-16	16 120S	150E 430073	0945 14794	State	State	GW	P
PRICKLY PEAR U FED 7-25	25 120S	150E 430073	0954 14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 36-06	36 120S	150E 430073	1018   14794	State	State	GW	P
PRICKLY PEAR U FED 13-23-12-15	23 120S	150E 430073	1073 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-27D-12-15	23 120S	150E 430073	1074 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-26D-12-15	23 120S	150E 430073	1075 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-22D-12-15	23 120S	150E 430073	1076 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-28D-12-15	21 120S	150E 430073	1121 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-21-12-15	21 120S	150E 430073	1164 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13-21D-12-15	21 120S		1166 14794		Federal	GW	P
PRICKLY PEAR U FED 11-17D-12-15	17 120S	<del></del>	1184 14794	<del> </del>	Federal	GW	P
PRICKLY PEAR U FED 7-22D-12-15	22 120S		1186 14794		Federal	GW	P
PRICKLY PEAR U FED 3-22-12-15	22 120S		1187 14794		Federal	GW	P
PRICKLY PEAR U FED 5-22D-12-15	22 120S		1188 14794		Federal	GW	P
PRICKLY PEAR 11-15D-12-15	22 120S		1189 14794	· · · · · · · · · · · · · · · · · · ·	Federal	GW	P
PRICKLY PEAR U FED 9-18D-12-15	18 120S		1192 14794	- <del></del>	Federal	GW	P
PRICKLY PEAR U FED 15-18-12-15	18 120S		1193 14794		Federal	GW	P
PRICKLY PEAR U FED 16-27D-12-15	27 120S		1194 15569	<del></del>	Federal	GW	P
PRICKLY PEAR U FED 12-27D-12-15	27 120S		1195 15568		Federal	GW	P
PRICKLY PEAR U FED 9-20D-12-15	20 120S		1193 13308		Federal	GW	P
PRICKLY PEAR U FED 7-20-12-15	20 120S		1197 14794		Federal	GW	P
PRICKLY PEAR U FED 1-20-12-15	20 120S		1206 14794		Federal		P
PRICKLY PEAR U ST 4-36-12-15	36 120S		1200 14794 1227 14794			GW	
PRICKLY PEAR U FED 4-27D-12-15	22 120S	150E 430073			State	GW	P
PRICKLY PEAR U FED 13-22-12-15					Federal	GW	P
		150E 430073			Federal	GW	P
PRICKLY PEAR U FED 3-27D-12-15		150E 430073			Federal	GW	P
PRICKLY PEAR U ST 9-16-12-15		150E 430073			State	GW	P
PRICKLY PEAR U FED 9-28D-12-15	28 120S	150E 430073			Federal	GW	P
PRICKLY PEAR U FED 5-27D-12-15			1242 14794	<del> </del>	Federal	GW	P
PRICKLY PEAR U FED 1-28-12-15	28 120S		1243 14794		Federal	GW	P
PRICKLY PEAR U FED 8-28D-12-15	28 120S		1244 14794	<del></del> .	Federal	GW	P
PRICKLY PEAR U ST 1-16-12-15	16 120S		1245 14794	<del></del>	State	GW	P
PPU FED 11-18D-12-15			1257 14794	·	Federal	GW	P
PPU FED 11-20D-12-15			1258 14794	<del></del>	Federal	GW	P
PPU FED 4-25D-12-15	<del> </del>		1259 14794	Federal	Federal	GW	P
PPU FED 12-25D-12-15			1260 16068	<del>i</del>	Federal	GW	P
PPU FED 14-26D-12-15	35 120S		1282 16224	Federal	Federal	GW	P
PPU FED 2-35-12-15	35 120S		1283 14794	Federal	Federal	GW	P
PPU FED 10-26D-12-15	35 120S	150E 430073	284 14794	Federal	Federal	GW	P
PPU FED 9-17-12-15	17 120S	150E 430073	287 14794	Federal	Federal	GW	P
PPU FED 1-17D-12-15	17 120S	150E 430073	288 14794	Federal	Federal	GW	P
PPU FED 7-17D-12-15		150E 430073			Federal	GW	P
PPU FED 1-18D-12-15		150E 430073				GW	P
PPU FED 7-18D-12-15		150E 430073				GW	P
PPU FED 5-17D-12-15		150E 430073				GW	P
PPU FED 10-17D-12-15		150E 430073				GW	P
		, 120070	,				-

		Prickly Pear U					
Well Name	Sec TWN	RNG API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 8-17D-12-15	17 120S	150E 4300731308	14794	Federal	Federal	GW	P
PPU FED 12-17D-12-15	17 120S	150E 4300731309	14794	Federal	Federal	GW	P
PPU FED 13-17D-12-15	17 120S	150E 4300731310	14794	Federal	Federal	GW	P
PPU FED 14-17D-12-15	17 120S	150E 4300731311	14794	Federal	Federal	GW	P
PPU FED 16-18D-12-15	17 120S	150E 4300731312	14794	Federal	Federal	GW	P
PPU FED 8-18D-12-15	18 120S	150E 4300731313	14794	Federal	Federal	GW	P
PPU FED 3-18D-12-15	18 120S	150E 4300731314	14794	Federal	Federal	GW	P
PPU FED 4-18-12-15	18 120S	150E 4300731315			Federal	GW	P
PPU FED 5-18D-12-15	+	150E 4300731316			Federal	GW	P
PPU FED 6-18D-12-15		150E 4300731317			Federal	GW	P
PPU FED 16-17D-12-15	+	150E 4300731321			Federal	GW	P
PPU ST 15-16D-12-15	16 120S	150E 4300731322			State	GW	P
PPU ST 16-16D-12-15		150E 4300731323			State	GW	P
PPU ST 14-16D-12-15		150E 4300731324			State	GW	P
PPU FED 3-21D-12-15		150E 4300731328			Federal	GW	P
PPU FED 4-21D-12-15	21 120S	150E 4300731329			Federal	GW	P
PPU FED 13-15D-12-15	<del> </del>	150E 4300731329			Federal	GW	P
PPU FED 14-15D-12-15	22 120S	150E 4300731359			Federal	GW	P
PPU FED 4-22D-12-15	22 120S	150E 4300731339			Federal	GW	P
PPU FED 6-22D-12-15	22 120S 22 120S	150E 4300731361					P
PPU FED 2-28D-12-15	<del> </del>				Federal	GW	P
PPU FED 16X-21D-12-15					Federal	GW	
The state of the s	<del></del>	150E 4300731363			Federal	GW	P
PPU FED 5A-27D-12-15		150E 4300731364			Federal	GW	P
PPU FED 1A-28D-12-15	28 120S	150E 4300731368			Federal	GW	P
PPU FED 14A-18D-12-15		150E 4300731393			Federal	GW	P
PPU FED 10-18D-12-15	<del></del>	150E 4300731394			Federal	GW	P
PPU FED 15A-18D-12-15		150E 4300731395			Federal	GW	P
PPU FED 16A-18D-12-15		150E 4300731396			Federal	GW	P
PPU FED 12-22D-12-15		150E 4300731398			Federal	GW	P
PPU FED 11-22D-12-15		150E 4300731399			Federal	GW	P
PPU FED 14-22D-12-15		150E 4300731400			Federal	GW	P
PPU FED 4A-27D-12-15		150E 4300731401			Federal	GW	P
PPU FED 11-21D-12-15		150E 4300731412			Federal	GW	P
PPU FED 6-21D-12-15		150E 4300731413			Federal	GW	P
PPU FED 12-21D-12-15	·	150E 4300731414			Federal	GW	P
PPU FED 8-20D-12-15		150E 4300731419			Federal	GW	P
PPU FED 1A-20D-12-15		150E 4300731420			Federal	GW	P
PPU FED 2-20D-12-15		150E 4300731421	14794	Federal	Federal	GW	P
PPU ST 7A-16D-12-15	16 120S	150E 4300731422	14794	State	State	GW	P
PPU ST 6-16D-12-15	16 120S	150E 4300731423	14794	State	State	GW	P
PPU ST 10A-16D-12-15	16 120S	150E 4300731424	14794	State	State	GW	P
PPU ST 3-16D-12-15	16 120S	150E 4300731425	14794	State	State	GW	P
PPU FED 5-21D-12-15	21 120S	150E 4300731451	14794	Federal	Federal	GW	P
PPU ST 8-16D-12-15	16 120S	150E 4300731455	14794	State	State	GW	P
PPU ST 12-16D-12-15	16 120S	150E 4300731456			State	GW	P
PPU ST 12A-16D-12-15		150E 4300731457			State	GW	P
PPU ST 15A-16D-12-15		150E 4300731458			State	GW	P
PPU ST 10-16D-12-15		150E 4300731459			State	GW	P
PPU ST 11A-16D-12-15		150E 4300731460			State	GW	P
PPU ST 13A-16D-12-15		150E 4300731461			State	GW	P
PPU FED 10-7D-12-15		150E 4300731470			Federal	GW	P
PPU FED 15-7D-12-15		150E 4300731471			Federal	GW	P
PPU FED 9-7D-12-15		150E 4300731471 150E 4300731472				GW	P
PPU FED 16-7D-12-15	·	150E 4300731472				GW	P
PPU ST 6A-16D-12-15		150E 4300731473 150E 4300731477					
PPU ST 4-16D-12-15	· · · · · · · · · · · · · · · · · · ·					GW	P
FFU 31 4-10D-12-13	16 120S	150E 4300731478	14/94	State	State	GW	P

			y Pear Unit				
Well Name	Sec TWN	RNG API N	lumber Entit	y Mineral Lease	Surface Lease	Well Type	Well Status
PPU ST 4A-16D-12-15	16 120S	·	731479 1479		State	GW	P
PPU ST 5A-16D-12-15	16 120S		731480 1479		State	GW	P
PPU ST 3A-16D-12-15	16 120S		731481 1479		State	GW	P
PPU ST 16A-16D-12-15	16 120S		731484 1479		State	GW	P
PPU ST 9A-16D-12-15	16 120S		731485 1479		State	GW	P
PPU ST 16B-16D-12-15	16 120S		731514 1479		State	GW	P
PPU ST 14B-16D-12-15	16 120S	150E 4300	731515 1479	94 State	State	GW	P
PPU ST 13B-16D-12-15	16 120S	150E 4300	731516 1479	94 State	State	GW	P
PRICKLY PEAR U FED 9-22D-12-15	22 120S		750041 1479		Federal	GW	P
PRICKLY PEAR U FED 10-22D-12-15	22 120S	150E 4300	750042 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 16-22D-12-15	22 120S	150E 4300	750043 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2-27D-12-15	22 120S	150E 4300	750044   1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 16-15D-12-15	15 120S	150E 4300	750045 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 15-15D-12-15	15 120S	150E 4300	750046 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 10-15D-12-15	15 120S	150E 4300	750047 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 9-15D-12-15	15 120S	150E 4300	750048 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 11A-15D-12-15	15 120S	150E 4300	750049 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 1-21D-12-15	21 120S	150E 4300°	750050 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2-21D-12-15	21 120S	150E 4300°	750051 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2A-21D-12-15	21 120S	150E 4300°	750052 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-22D-12-15	21 120S	150E 4300°	750053 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-22D-12-15	21 120S	150E 4300°	750054 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 7A-21D-12-15	21 120S	150E 4300°	750056 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 8-21D-12-15	21 120S	150E 4300°	750057 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 8A-21D-12-15	21 120S		750058 1479		Federal	GW	P
PRICKLY PEAR U FED 16-8D-12-15	8 120S		750059 1479		Federal	GW	P
PRICKLY PEAR U FED 15-8D-12-15			750060 1479		Federal	GW	P
PRICKLY PEAR U FED 2-17D-12-15			750061 1479		Federal	GW	P
PRICKLY PEAR U FED 1A-17D-12-15			750062 1479		Federal	GW	P
PRICKLY PEAR U FED 1-22D-12-15			750076 1479		Federal	GW	P
PRICKLY PEAR U FED 2-22D-12-15		<del></del>	750077 1479		Federal	GW	P
PRICKLY PEAR U FED 8-22D-12-15			750078 1479		Federal	GW	P
PRICKLY PEAR U FED 3-17D-12-15			750079 1479	· · · · · · · · · · · · · · · · · · ·	Federal	GW	P
PRICKLY PEAR U FED 3A-17D-12-15			750080 1479		Federal	GW	P
			750081 1479			GW	P
PRICKLY PEAR U FED 4A-17D-12-15			750082 1479		Federal	GW	P
PRICKLY PEAR U FED 5A-17D-12-15			750083 1479			GW	P
PRICKLY PEAR U FED 6-17D-12-15			750084 1479			GW	P
PRICKLY PEAR U FED 6A-17D-12-15			750085 1479		Federal	GW	P
PRICKLY PEAR U FED 7A-17D-12-15			750086 1479		Federal	GW	P
PRICKLY PEAR U FED 9-12D-12-14			750088 1479		Federal	GW	P
PRICKLY PEAR U FED 10-12D-12-14			750089 1479				P
PRICKLY PEAR U FED 15-12D-12-14			750090 1479	<del></del>			P
PRICKLY PEAR U FED 16-12D-12-14		<del></del>	750091 1479				P
PRICKLY PEAR U FED 3-20D-12-15			750098 1479			GW	P
PRICKLY PEAR U FED 3A-20D-12-15			750098 1479 750099 1479	<del></del>			P .
PRICKLY PEAR U FED 4-20D-12-15			750100 1479				P P
PRICKLY PEAR U FED 4A-20D-12-15			750100 1479 750101 1479				<u>P</u>
PRICKLY PEAR U FED 5-20D-12-15			750101 1479 750102 1479				P I
PRICKLY PEAR U FED 5A-20D-12-15		<del></del>	750102 1479 750103 1479				P
PRICKLY PEAR U FED 6-20D-12-15			50103 1479 50104 1479				<u>Р</u> Р
PRICKLY PEAR U FED 6A-20D-12-15			50104 1479 50105 1479				
PRICKLY PEAR U FED 11A-20D-12-15			50105 1479 50106 1479	_ t			P
PRICKLY PEAR U FED 12A-20D-12-15			50106 1479				P
PRICKLY PEAR U FED 13A-17D-12-15							P
PRICKLY PEAR UF 7A-18D-12-15			50108 1479				P
I MICKL I FEAR OF /A-18D-12-13	17 120S	130E 43007	50136 1479	+ rederal	Federal_	GW	P

			THURIS FEAT	J1 111				
Well Name	Sec TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PRICKLY PEAR UF 8A-18D-12-15	17 120S	150E	4300750137	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9A-18D-12-15	17 120S	150E	4300750138	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-20D-12-15	20 120S	150E	4300750139	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16A-8D-12-15	8 120S	150E	4300750140	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 15A-8D-12-15	8 120S	150E	4300750141	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13A-9D-12-15	8 120S	150E	4300750142	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13-9D-12-15	8 120S	150E	4300750143	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-9D-12-15	8 120S	150E	4300750144	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 10-8D-12-15	8 120S	150E	4300750145	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-8D-12-15	8 120S	150E	4300750146	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-17D-12-15	8 120S	150E	4300750147	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 1A-22D-12-15	22 120S	150E	4300750171	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-22D-12-15	22 120S	150E	4300750172	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 6A-22D-12-15	22 120S	150E	4300750173	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 7A-22D-12-15	22 120S	150E	4300750174	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8A-22D-12-15	22 120S	150E	4300750175	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 14B-15D-12-15	22 120S	150E	4300750176	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-9D-12-15	9 120S	150E	4300750195	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16-9D-12-15	9 120S	150E	4300750202	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8-14D-12-15	14 120S	150E	4300750216	18289	Federal	Federal	GW	P
PRICKLY PEAR UF 15-14D-12-15	14 120S	150E	4300750221	18290	Federal	Federal	GW	P
PRICKLY PEAR U ST 5-16	16 120S	150E	4300730943	14794	State	State	GW	S
PRICKLY PEAR U FED 7-28D-12-15	21 120S	150E	4300731165	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 15-17-12-15	17 120S	150E	4300731183	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 10-27-12-15	27 120S	150E	4300731196	15570	Federal	Federal	GW	S
PPU FED 4-35D-12-15	35 120S	150E	4300731285	16223	Federal	Federal	GW	S
PRICKLY PEAR U FED 12A-17D-12-15	17 120S	150E	4300750087	14794	Federal	Federal	GW	S
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**STATE OF UTAH**DEPARTMENT OF NATURAL RESOURCES

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Ī	DIVISION OF OIL, GAS AND MI	INING	5. LEASE DESIGNATION AND SERIAL NUMBER:  (see attached well list)
SUNDRY	NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
			N/A 7. UNIT or CA AGREEMENT NAME:
drill horizontal la	ew wells, significantly deepen existing wells below curterals. Use APPLICATION FOR PERMIT TO DRILL	form for such proposals.	8, WELL NAME and NUMBER:
OIL WELL	GAS WELL OTHER_		(see attached well list)
2. NAME OF OPERATOR: ENERVEST OPERATING	, LLC		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1001 FANNIN, ST. STE 800 CITY	, HOUSTON STATE TX ZIF	PHONE NUMBER: (713) 659-3500	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL	STATE ZIF	(1.10) 000 0000	
FOOTAGES AT SURFACE: (see af	ttached well list)		COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN.		STATE:
OUEOK A DDD			UTAH
	ROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPO	DRT, OR OTHER DATA
TYPE OF SUBMISSION	ACIDIZE	TYPE OF ACTION  DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
1/1/2014	CHANGE TO PREVIOUS PLANS	✓ OPERATOR CHANGE	TUBING REPAIR
-	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of Hom composition	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER:
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all i	pertinent details including dates, depths, volun	nes, etc.
ATTACHED LIST HAVE B	BEEN SOLD TO ENERVEST OP	INDRY AS NOTIFICATION THA PERATING, LLC BY BILL BILL BA ORRESPONDENCE TO THE AD	ARRETT CORPORATION
EnerVest Operating, L.L.C 1001 Fannin, Suite 800 Houston, Texas 77002 713-659-3500 (BLM BOND #	•	30ND# <u>B0083<i>7</i>/</u>	)
BILL BARRETT CORPOR	RATION	ENERVEST OPERA	TING, LLC
Duane Za	vadivame (PLEASE PRINT)	ROWNE L YOU	ルム NAME (PLEASE PRINT)
No Dayle	- D		
Senior Vice President - EH&S, Government and Regulatory	SIGNATURE  Affairs N21165	DIRECTOR - REGUL	SIGNATURE ATORY NYOYO
NAME (PLEASE PRINT) RONNIE Y		TITLE DIRECTOR - RE	EGULATORY
SIGNATURE TO THE STATE OF THE S	i L Lloung	DATE 12/10/2013	·
(This space for State use on	ROVED		RECEIVED

JAN 28 2013 4-RX Ochel Mec (See Instructions on Reverse Side)

Well Name	Sec	TWN	RNG	API Number	Entity Lease	Well T	ype   Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	<del>'</del>	4300730460	15167 State	WI	A	
JACK CYN U ST 14-32	32	120S	160E	4300730913	15166 State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E	4300730953	14467 Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E	4300731440	Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E	4300731441	Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S		4300731442	Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E	4300731443	Federal	GW	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E	4300731465	Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E	4300731469	Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092	Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S		4300750093	Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E	4300750094	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S		4300750095	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S		4300750096	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E	4300750097	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E	4300750124	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E	4300750125	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S		4300750126	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S		4300750127	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S		4300750128	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S		4300750129	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S		4300750130	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S		4300750131	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S		4300750133	Federal .	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S		4300750134	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S		4300750135	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182	Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E	4300750185	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E	4300750186	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E	4300750187	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E	4300750188	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 12A-7D-12-15	07	120S	150E 4300750189	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-7D-12-15	07	120S	150E 4300750190	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15	07	120S	150E 4300750191	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E 4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E 4300750206	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E 4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E 4300750208	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E 4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E 4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E 4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E 4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E 4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E 4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E 4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E 4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E 4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E 4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E 4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E 4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E 4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E 4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E 4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E 4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E 4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E 4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E 4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E 4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E 4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E 4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E 4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E 4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E 4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E 4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E 4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E 4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E 4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E 4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E 4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E 4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E 4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E 4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E 4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E 4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E 4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E 4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E 4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E 4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E 4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E 4300750273	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E 4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E 4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E 4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E 4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E 4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E 4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E 4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E 4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E 4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E 4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E 4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E 4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E 4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E 4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E 4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E 4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E 4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E 4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E 4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E 4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E 4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E 4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E 4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E 4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E 4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E 4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E 4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E 4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E 4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E 4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E 4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E 4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E 4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E 4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E 4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E 4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E 4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E 4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E 4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E 4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E 4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E 4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E 4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E 4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E 4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E 4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E 4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E 4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S		Federal	GW	APD	PRICKLY PEAR
1 KICKET LEAK OF 3A-20D-12-13	20	1200	13012 1300130324	1 000101	2 11	~	

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E 4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E 4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E 4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E 4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E 4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E 4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E 4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E 4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E 4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E 4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E 4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E 4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E 4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E 4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E 4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E 4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E 4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E 4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E 4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E 4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E 4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E 4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E 4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E 4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E 4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E 4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E 4300750351	Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E 4300731430	17225 Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E 4300731475	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E 4300750034	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E 4300750036	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E 4300750055	14794 Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E 4300750120	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E 4300750122	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E 4300750149	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E 4300750150	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E 4300750193	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E 4300750194	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E 4300750196	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E 4300750197	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E 4300750198	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E 4300750199	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E 4300750200	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR OF 14A-9D-12-15 PRICKLY PEAR UF 15-9D-12-15	09	120S	150E 4300750200	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR OF 15-9D-12-15 PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E 4300750201	14794 Federal	GW	OPS	PRICKLY PEAR
		120S	150E 4300750203	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09			7030 Federal	GW		IMONDIFEAN
SHARPLES 1 GOVT PICKRELL	11	120S	150E 4300716045	1030 reucial	OW	. P	

STONE CABIN UNIT 1	13	120S	140E 4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E 4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E 4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E 4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E 4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E 4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E 4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E 4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E 4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E 4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E 4300730775	13158 State	GW	Ρ,	
PETERS POINT U FED 4-31D-12-17	36	120S	160E 4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E 4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E 4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E 4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E 4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E 4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E 4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E 4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E 4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E 4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E 4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E 4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E 4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E 4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E 4300731008	14897 Federal	GW	P	·
PETERS POINT U FED 12-31D-12-17	36	120S	160E 4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E 4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E 4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E 4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E 4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E 4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E 4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E 4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E 4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E 4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E 4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E 4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E 4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E 4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E 4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E 4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E 4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E 4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E 4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E 4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E 4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E 4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E 4300731188	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR 11-15D-12-15	22	120S	150E 4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E 4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E 4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E 4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E 4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E 4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E 4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E 4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E 4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E 4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E 4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E 4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E 4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E 4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E 4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E 4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E 4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E 4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E 4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E 4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E 4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E 4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E 4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E 4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E 4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E 4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E 4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E 4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E 4300731279	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E 4300731280	16069 State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E 4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E 4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E 4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E 4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E 4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E 4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E 4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E 4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E 4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E 4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E 4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E 4300731308	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E 4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E 4300731311	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E 4300731313	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 3-18D-12-15	18	120S	150E 4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E 4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E 4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E 4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E 4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E 4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E 4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E 4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E 4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E 4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E 4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E 4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E 4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E 4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E 4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E 4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E 4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E 4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E 4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E 4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E 4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E 4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E 4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E 4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E 4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E 4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E 4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E 4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E 4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E 4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E 4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E 4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E 4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E 4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E 4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E 4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E 4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E 4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E 4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E 4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E 4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E 4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E 4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E 4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E 4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E 4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E 4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E 4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E 4300731412	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 6-21D-12-15	21	120S	150E 4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E 4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E 4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E 4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E 4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E 4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E 4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E 4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E 4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E 4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E 4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E 4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E 4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E 4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E 4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E 4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E 4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E 4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E 4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E 4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E 4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E 4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E 4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E 4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E 4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E 4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E 4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E 4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E 4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E 4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E 4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E 4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E 4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E 4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E 4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E 4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E 4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E 4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E 4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E 4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E 4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E 4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E 4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E 4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E 4300750026	2470 Federal	GW `~~~	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S		2470 Federal	ĠW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E 4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E 4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E 4300750033	2470 Federal	GW	P	PETERS POINT

PETERS POINT U FED 10-25D-12-16	25	120S	160E 4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E 4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E 4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E 4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E 4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E 4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E 4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E 4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E 4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E 4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E 4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E 4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E 4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E 4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E 4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E 4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E 4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E 4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E 4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E 4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
	08	120S	150E 4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E 4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15		120S	160E 4300750062	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 3A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27			2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E 4300750066 160E 4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S		18204 Federal	GW	P	I LILKS I OHVI
PETERS POINT U FED 14-27D-12-16	27	120S	160E 4300750068				PETERS POINT
PETERS POINT U FED 14A-27D-12-16	27	120S	160E 4300750069	2470 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E 4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E 4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E 4300750078	14794 Federal	GW	P	
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E 4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E 4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E 4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E 4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E 4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR Ú FED 6-17D-12-15	17	120S	150E 4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E 4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E 4300750086	14794 Federal	GW	Р	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E 4300750087	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E 4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E 4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E 4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E 4300750091	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E 4300750098	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E 4300750099	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E 4300750100	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E 4300750101	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E 4300750102	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E 4300750104	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E 4300750105	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E 4300750106	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E 4300750107	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 5-31D-12-17	36	120S	160E 4300750109	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 6-31D-12-17	36	120S	160E 4300750116	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9X-36D-12-16	36	120S	160E 4300750117	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 1-36D-12-16	36	120S	160E 4300750118	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-6D-13-17	06	130S	170E 4300750119	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-31D-12-17	06	130S	170E 4300750123	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E 4300750136	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E 4300750137	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E 4300750138	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E 4300750139	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E 4300750140	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E 4300750141	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E 4300750142	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13-9D-12-15	08	120S	150E 4300750142	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR OF 13-9D-12-15 PRICKLY PEAR UF 12-9D-12-15	08	120S	150E 4300750144	14794 Federal	GW	P	PRICKLY PEAR
	08	120S	150E 4300750145	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 10-8D-12-15	08	120S	150E 4300750145	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-8D-12-15	08	120S	150E 4300750147	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 2A-17D-12-15			170E 4300750151	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 12-5D-13-17	06	1308	170E 4300750151	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-5D-13-17	06	130S	4	18347 Federal	GW	r P	PETERS POINT
PETERS POINT UF 13-30D-12-17	30	120S	170E 4300750153	18350 Federal	GW	r P	PETERS POINT
PETERS POINT UF 14-30D-12-17	30	120S	170E 4300750154			P P	PETERS POINT
PETERS POINT UF 12-30D-12-17	30	1208	170E 4300750155	18346 Federal	GW	_	PETERS POINT PETERS POINT
PETERS POINT UF 11-30D-12-17	30	120S	170E 4300750156	18348 Federal	GW	P	
PETERS POINT UF 3-31D-12-17	30	120S	170E 4300750157	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 2-31D-12-17	30	120S	170E 4300750158	18349 Federal	GW	P	PETERS POINT
PETERS POINT UF 16-25D-12-16	30	120S	170E 4300750159	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 9-25D-12-16	30	120S	170E 4300750160	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E 4300750171	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E 4300750173	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E 4300750174	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E 4300750175	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E 4300750176	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-9D-12-15	09	120S	150E 4300750195	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16-9D-12-15	09	120S	150E 4300750202	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E 4300750216	18289 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E 4300750221	18290 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 7X-36D-12-16	36	120S	160E 4300750231	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 8-36D-12-16	36	120S	160E 4300750232	2470 Federal	GW	P	PETERS POINT
PETERS POINT ST 6-2D-13-16	02	130S	160E 4300731017	14472 State	D	PA	

PTS 33-36 STATE	36	110S	140E 4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E 4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E 4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E 4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E 4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E 4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E 4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E 4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E 4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20.	120S	150E 4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E 4300750172	14794 Federal	GW	S	PRICKLY PEAR